
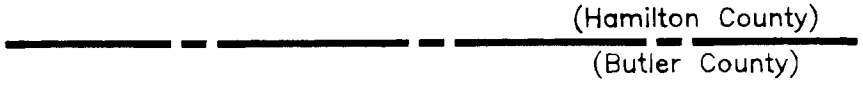
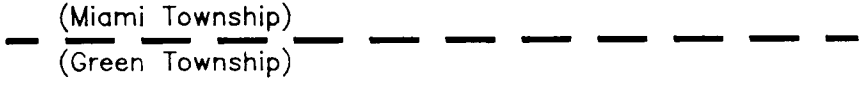
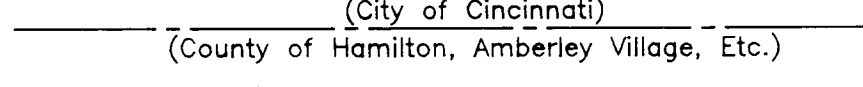
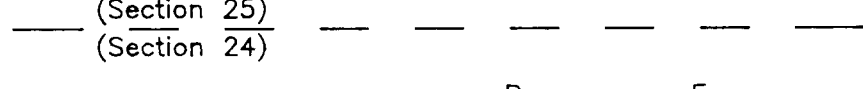
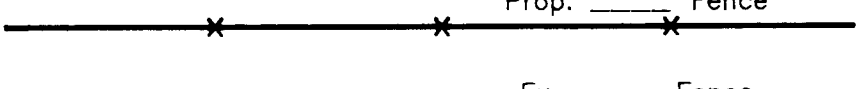
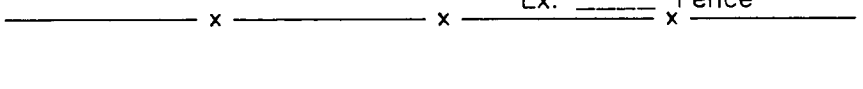
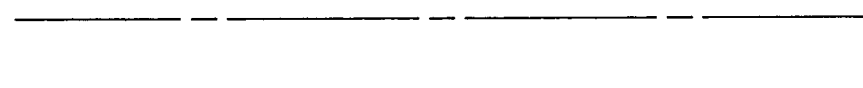
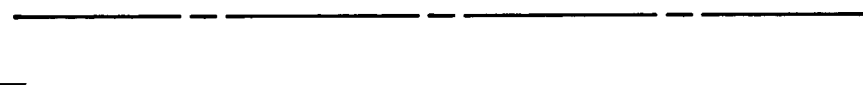
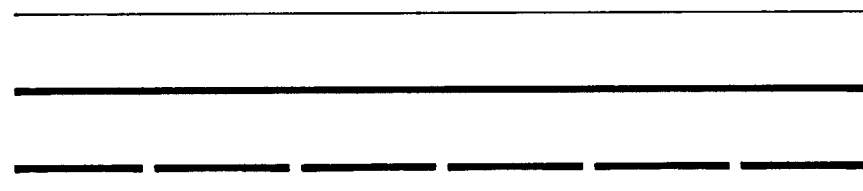

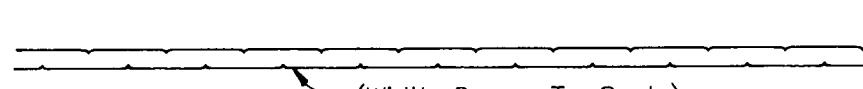
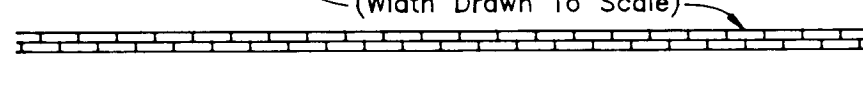

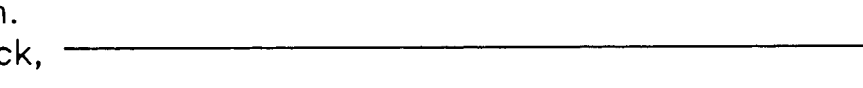



INDEX OF STANDARD DRAWINGS




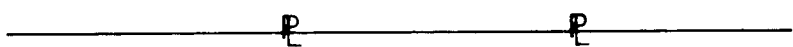
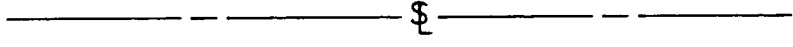
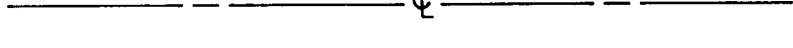



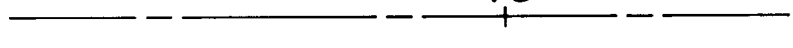

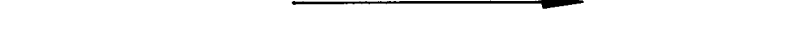
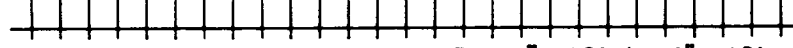
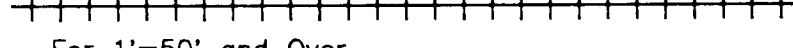
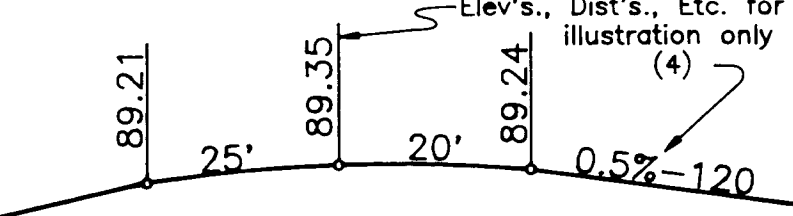
HIGHWAY ITEMS

PAGE NO.	TITLE OF DRAWING	PAGE NO.	TITLE OF DRAWING	PAGE NO.	TITLE OF DRAWING
1.	Standard Symbols		<u>WALLS</u>		<u>LANDSCAPING</u>
2.	Standard Symbols			65.	Tree Wells
3.	Standard Symbols	33.	Segmental Retaining Wall	66.	Planting and Bracing
4.		34.	Modified Toe Wall	67.	Tree Planting (2 Stake Method)
5.		35.	Standard Railing Detail	68.	Tree Pruning
	<u>CURBS - GUTTERS</u>	36.	Inclinometer Installation Detail	69.	
6.	Curb, Type A-1, L-1	37.		70.	
7.	Curb, Type B-1, B-2, B-3	38.		71.	
8.	Curb, Type P-1, P-2, P-3	39.		72.	
9.	Curb, Type R-1, R-2, P-4	40.		73.	
10.	Curb, Type S-1, S-2, S-3	41.		74.	
11.	Downspout Leader—conc. curb type B's.		<u>STEPS</u>		<u>STREET REHABILITATION DETAILS</u>
12.	Downspout Leader—conc. curb type P's.	42.	Precast Concrete Steps	75.	Concrete Curb Repair
13.	Downspout Leader—conc. curb type R's.	43.	Cast in Place Concrete Steps	76.	Full Depth Asphalt Repair in Concrete Pavement
14.		44.	Handrail	77.	Partial Depth Asphalt Repair in Concrete Pavement
15.		45.		78.	Partial Depth Asphalt Repair in Asphalt Pavement
	<u>DRIVEWAYS</u>	46.		79.	Adjusting Manholes
16.	Residential Driveway Construction	47.		80.	Concrete Pavement — Full Depth Repair
17.	Commercial Driveway Construction	48.		81.	
18.	Driveway Reconstruction	49.		82.	
19.	Replacing Integral Curb w/ Drop Curb at Driveways & Maximum Driveway Grades	50.		83.	
20.	Modified Commercial Driveway Const.		<u>MISCELLANEOUS</u>	84.	
21.		51.	Stakes Standard	85.	
22.		52.	Traffic Island & Pier Protection Detail		<u>STORM SEWER ITEMS</u>
23.		53.	Handicap Ramp Details		See sheet nos. 100 - 143
	<u>PAVEMENT</u>	54.	Bicycle Rack - Type A		
24.	Roadway Sections for Concrete Pavement	55.			
25.	Roadway Sections for Asphalt Pavement	56.			
26.	Joint Layout for Intersections	57.			
27.	Standard Restoration of Openings	58.			
28.	Standard Restoration of Openings	59.			
29.		60.			
30.		61.			
31.		62.			
32.		63.			
		64.			

STANDARD SYMBOLS

ITEM	SYMBOL
State Line	
County Line	
Township Line	
Corporation Line	
Section Line	
Prop. Fence Line	
Ex. Fence Line	
Ex. Center Line	
Prop. Center Line	
Existing Curb Line	 (Always Face of Curb)
Proposed Curb Line	
Future Curb Line	
Existing Conc. Wall	
Existing Stone Wall	
Existing Brick Wall	
Proposed Wall	
Edge of Conc. Walk, Asph. Covered Conc. Pav't., Brick, & Granite Pav't.	
Edge of Macadam, Gravel, & Crushed Stone Pav't	

STANDARD SYMBOLS

ITEM	SYMBOL
Limited Access Line	
Ex. R-O-W Line	
Prop. R-O-W Line	
Property Line	
Survey Line	
Construction Line	
Base Line	
Point of Intersection	
Curve Points	
Station Indication	
Existing Flow Arrow	
Prop. Flow Arrow	
Railroads	 For 1"=10' to 1"=40'
	 For 1"=50' and Over
Prop. Curb Grade Line (Unless Otherwise Marked)	 Elev's., Dist's., Etc. for illustration only (4) 89.21 25' 89.35 20' 89.24 0.5%-120

STANDARD SYMBOLS

ITEM	SYMBOL
Profile of Property Line Closest to Bottom of Plan	-----
Profile of Centerline of Street	=====
Profile of Property Line Closest to Top of Plan	=====
Ex. Sewer & Manholes	
Prop. Conduit & Manhole	
Water Line	-----W-----W-----W-----
Gas Line	-----G-----G-----G-----
Telephone Line	-----T-----T-----T-----
Electric Line	-----E-----E-----E-----
House Connection	-----HC-----HC-----HC-----HC-----
Existing Guard Rail	
Prop. Guard Rail	
Dumped Rock	
Buildings	

STANDARD SYMBOLS

ITEM	SYMBOL
Toe of Fill	-----
Top of Cut	-----
Construction Limits	-----
Slopes	
Bridges	
Culverts	
Streams	<p>Intermittent</p> <p>Creek</p> <p>River</p>
Marsh or Swamp Land	
Top of Ground	

STANDARD SYMBOLS

Ex. Manhole	
Manhole To Be Adjusted/Reconstructed	
Prop. Manhole	
Ex. Water Valve Chamber	
Water Valve Chamber To Be Adjusted/Reconstructed	
Prop. Water Valve Chamber	
Gasoline Pump Island	
Underground Tank Caps	
Ex. Single Gutter Inlet	
Single Gutter Inlet To Be Adjusted/Reconstructed	
Prop. Single Gutter Inlet	
Ex. Double Gutter Inlet	
Double Gutter Inlet To Be Adjusted/Reconstructed	
Prop. Double Gutter Inlet	

Ex. Combination Inlet	
Combination Inlet To Be Adjusted/Reconstructed	
Prop. Combination Inlet	
Ex. Ditch Inlet	
Ditch Inlet To Be Adjusted/Reconstructed	
Prop. Ditch Inlet	
Ex. Double Ditch Inlet	
Double Ditch Inlet To Be Adjusted/Reconstructed	
Prop. Double Ditch Inlet	
Ex. Curb Inlet	
Ex. Fire Hydrant	
Prop. Fire Hydrant	

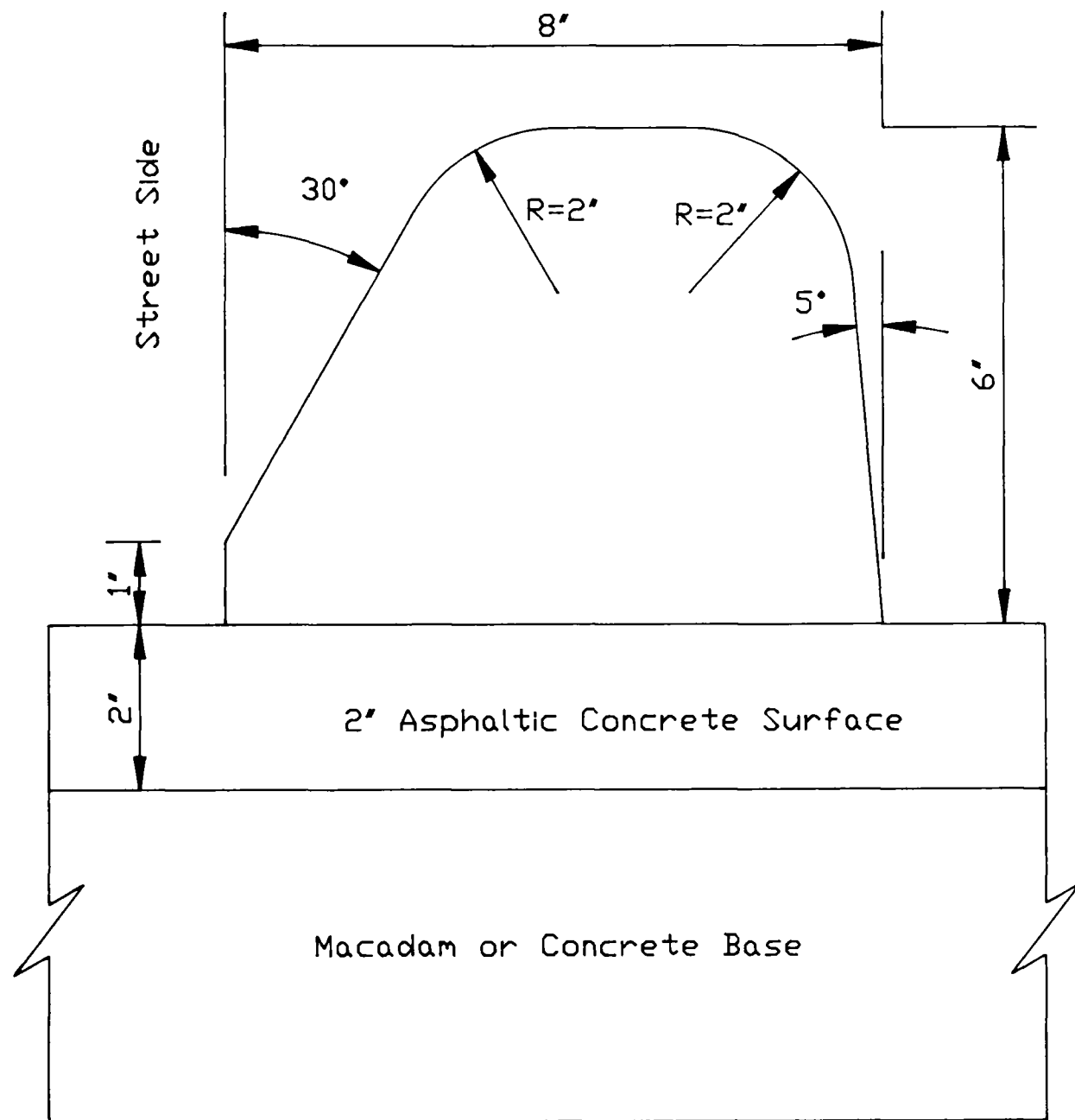
Coal Hole	
Cellar Door	
Window Well & Grating	
Sign	
Yard Drain, Drives, Etc.	
Tree (Dia. in Inches)	
Hedge	
Bush	
Guy Wire	
Ex. Traffic Signal	
Prop. Traffic Signal	

NOTE:
 Symbols should be drawn to scale on all plans drawn to a scale 1" = 20' or larger. On smaller scale drawings, symbols should be drawn to a scale of 1" = 20'. Size of lettering used to indicate existing features shall be No. 3 size obtained with Ames Lettering Guide or equal. Figures in parentheses, such as (4), indicate size of lettering to be used with proposed work. Notes, etc. shown in parentheses with symbols are for illustration and information only. Dimensions are for information only.

(To Left or Top of Drawing)

APPROVED *TC Young*

General Pole	
Light Pole	
Power or Electric Pole	
Telephone Pole	
Ex. Water Box	
Ex. Water Meter	
Gas Box	
Parking Meter	
Police Call Box	
Fire Alarm Box	
Mail Box	
Stump	



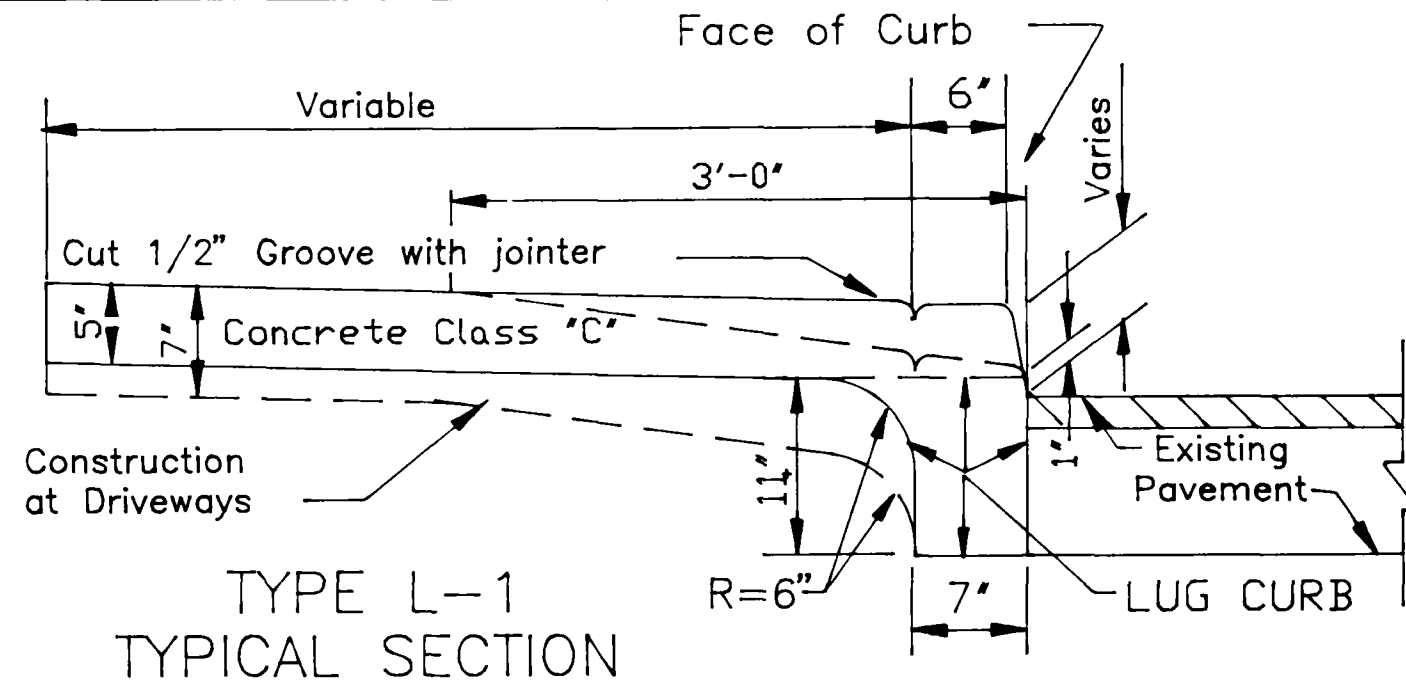
TYPE A-1

Area of Curb Section - 28 sq. in.
Yield - 72 +/- per portion
of Asphaltic Concrete.
Quantity - 0.194 cu. ft. per
linear foot

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
ASPHALTIC
CONCRETE CURB
SCALE: 1/2"=1" FEBRUARY, 1991

APPROVED: *TE Young*
CITY ENGINEER

ACC. NO. 21429



NOTE: Use 2.0% cross slope on walk and 6" gutter depth
unless grade details are furnished or local conditions
require otherwise.

Concrete used and method of finishing and curing shall
conform to that specified for Item 608-Conc. Walk and
Steps current Ohio State Spec's.

Payment for Concrete Walks constructed integral
with Lug Type Concrete Curbs will be based on measure-
ment from back of walk to face of curb and considered
uniformly 5" thick.

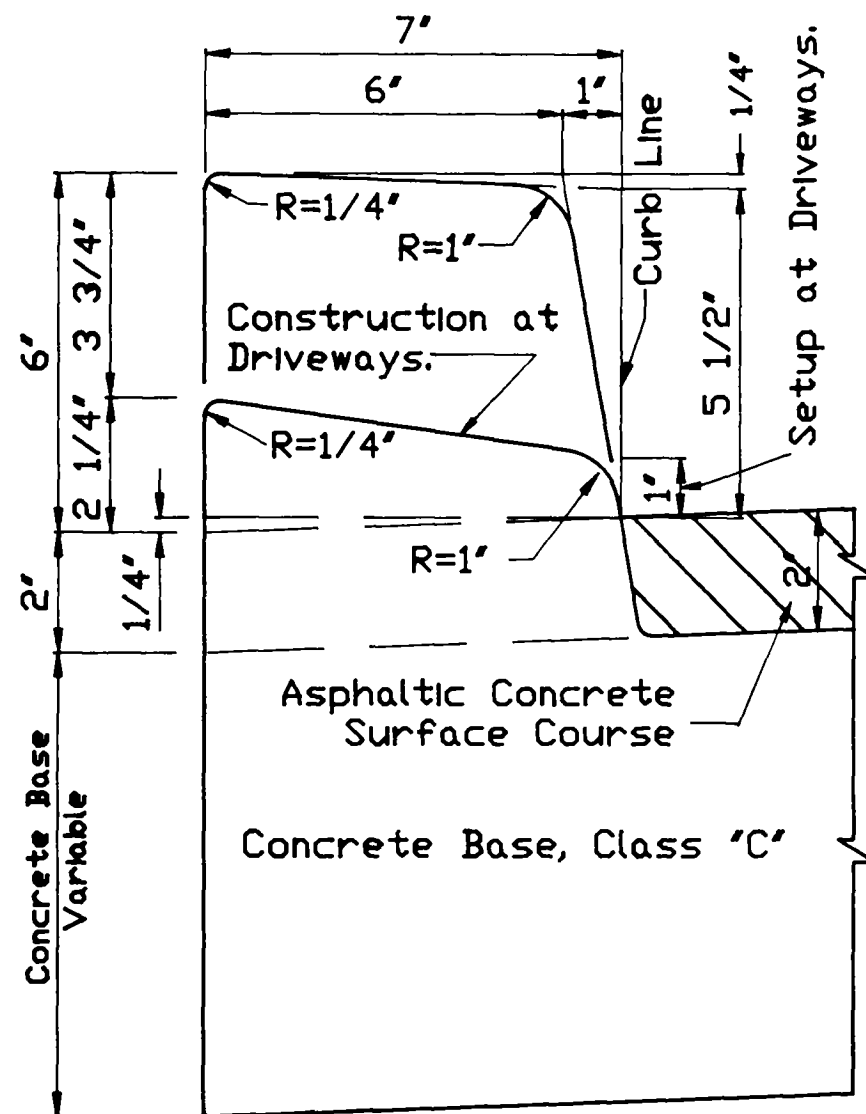
Payment for Lug Type Concrete Curbs at the price bid
per linear foot shall cover the necessary excavation
and furnishing and placing the concrete for the "Lug",
which shall be considered to be all of the concrete below
a plane passing through the bottom of the walk and inter-
secting the face of curb.

All Radii are 1" unless
otherwise noted

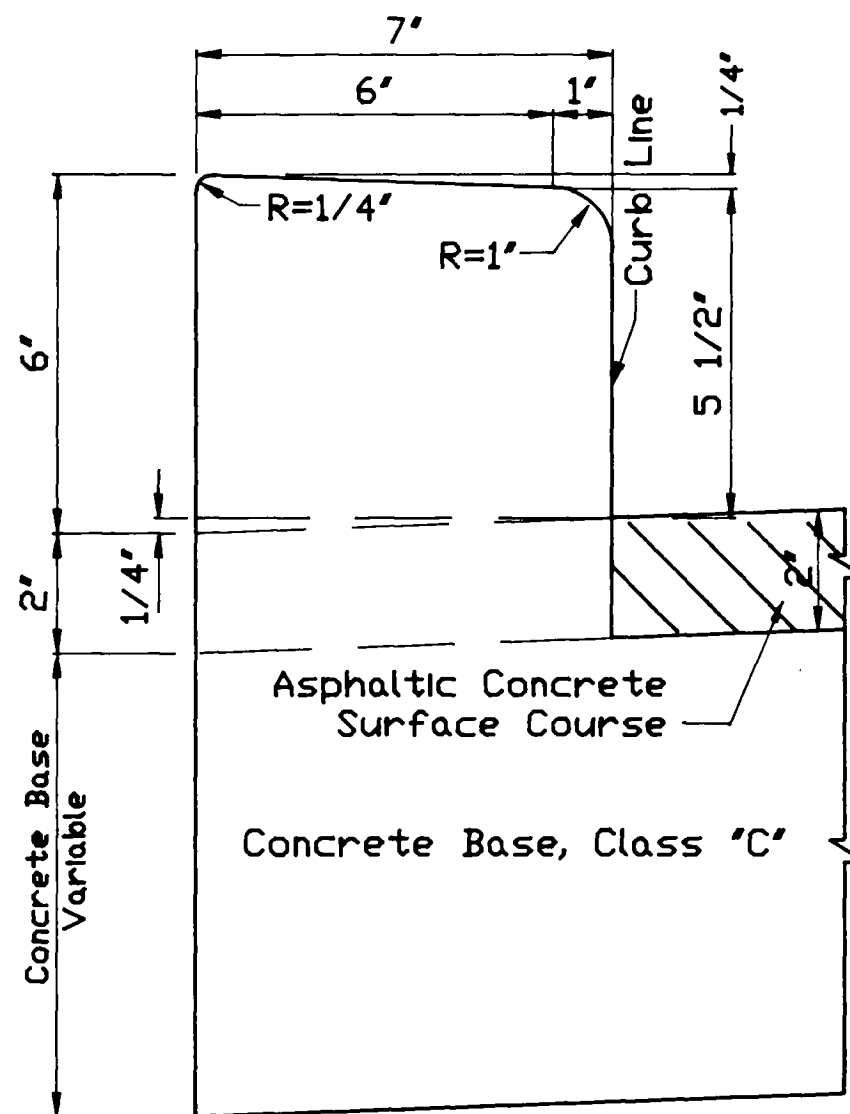
CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
STANDARD LUG
CONCRETE CURB
INTEGRAL WITH CONCRETE WALK
SCALE : NONE May, 1995

Approved: *TE Young*
CITY ENGINEER

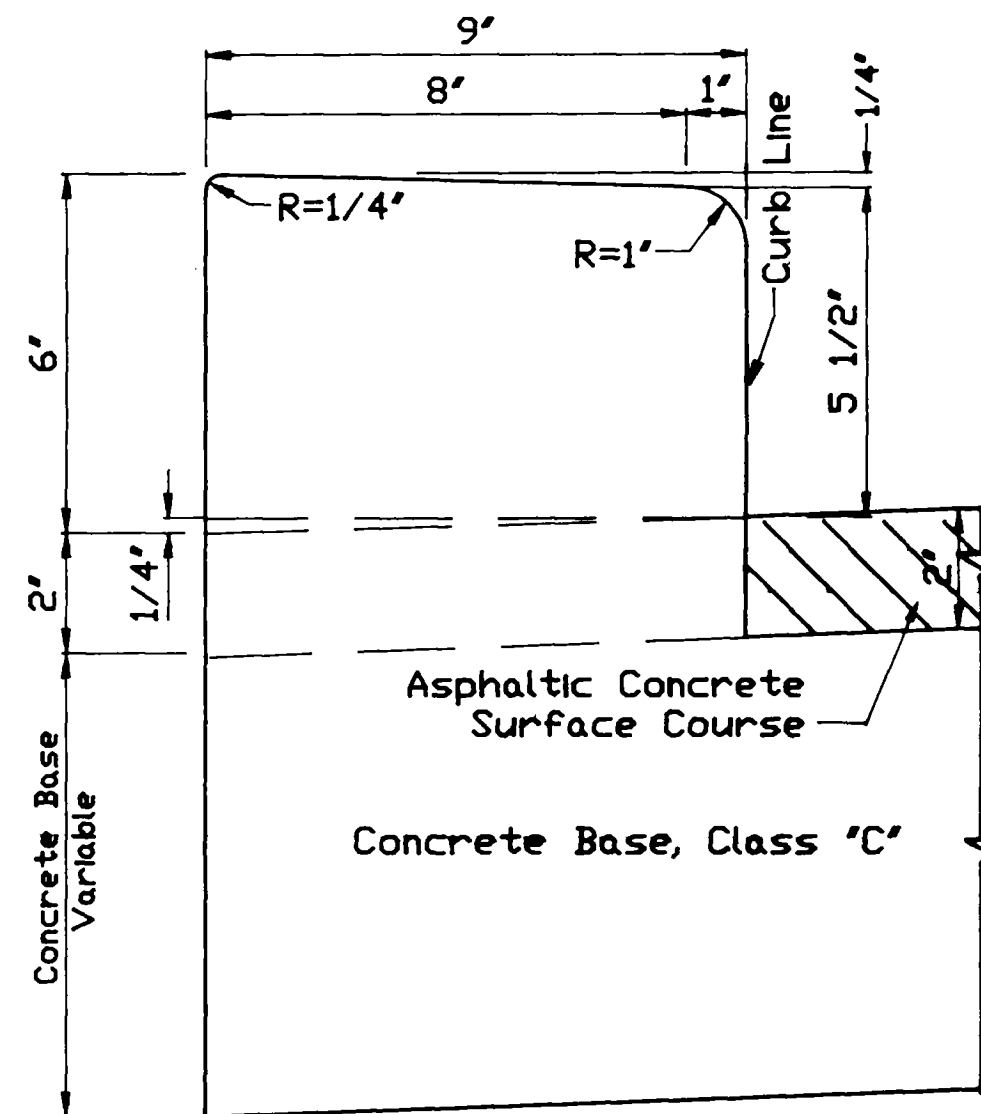
ACC. NO. 21430



TYPE B-1
BATTERED



TYPE B-2
CIRCULAR



TYPE B-3
CIRCULAR

NOTE:

After the Standard Concrete Curb Integral with Concrete Base, has been constructed, a minimum time period of two weeks must elapse before the Asphaltic Concrete Surface Course is placed on the Concrete Base.

NOTE:

The Construction of Type B-2 and B-3 Curb shall apply only to radii less than one hundred (100) feet and shall not be used on larger radii curves.

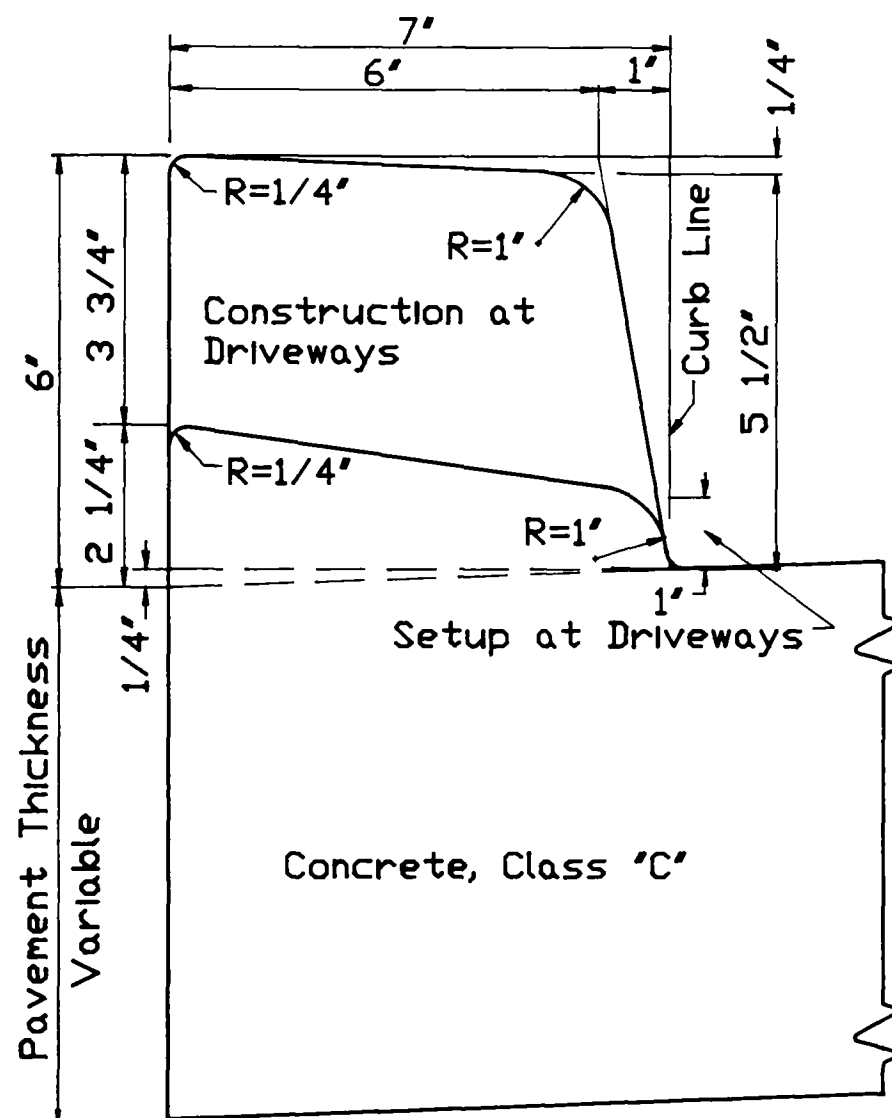
CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

CONCRETE CURBS
INTEGRAL WITH
CONCRETE BASE

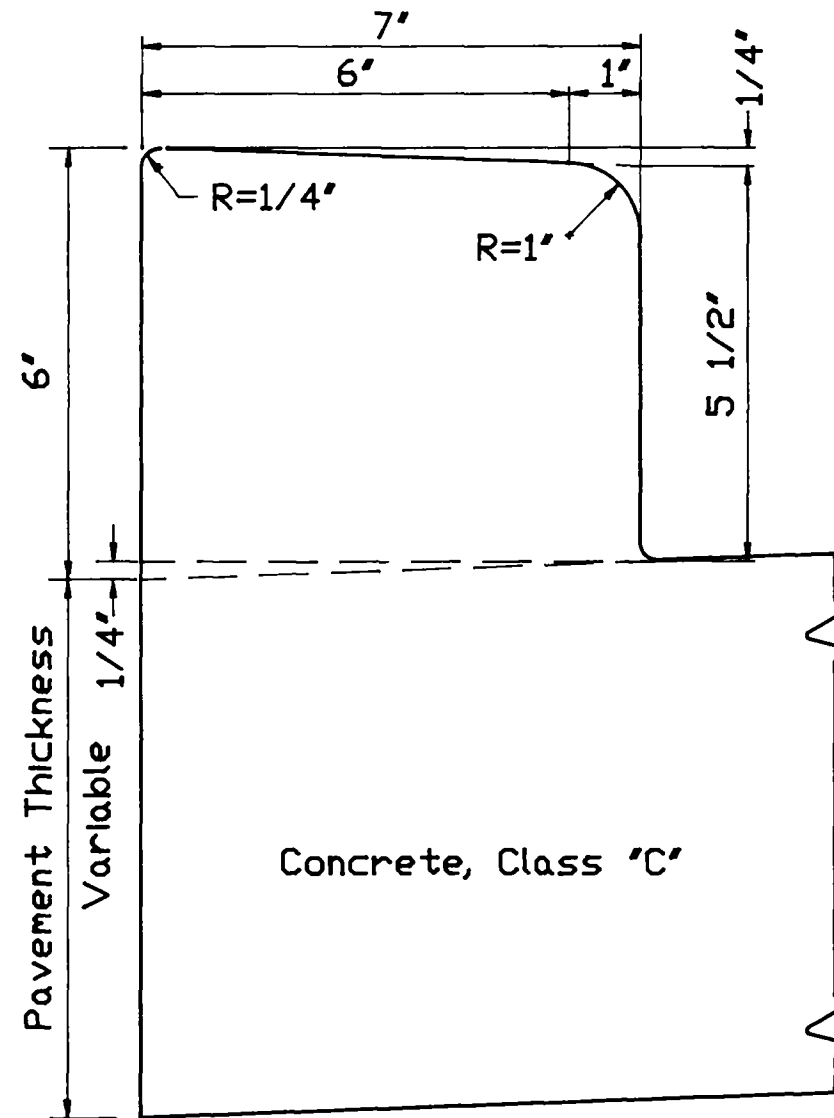
SCALE: 5/16" = 1" FEBRUARY, 1991

J. Young 4-3-91
CITY ENGINEER

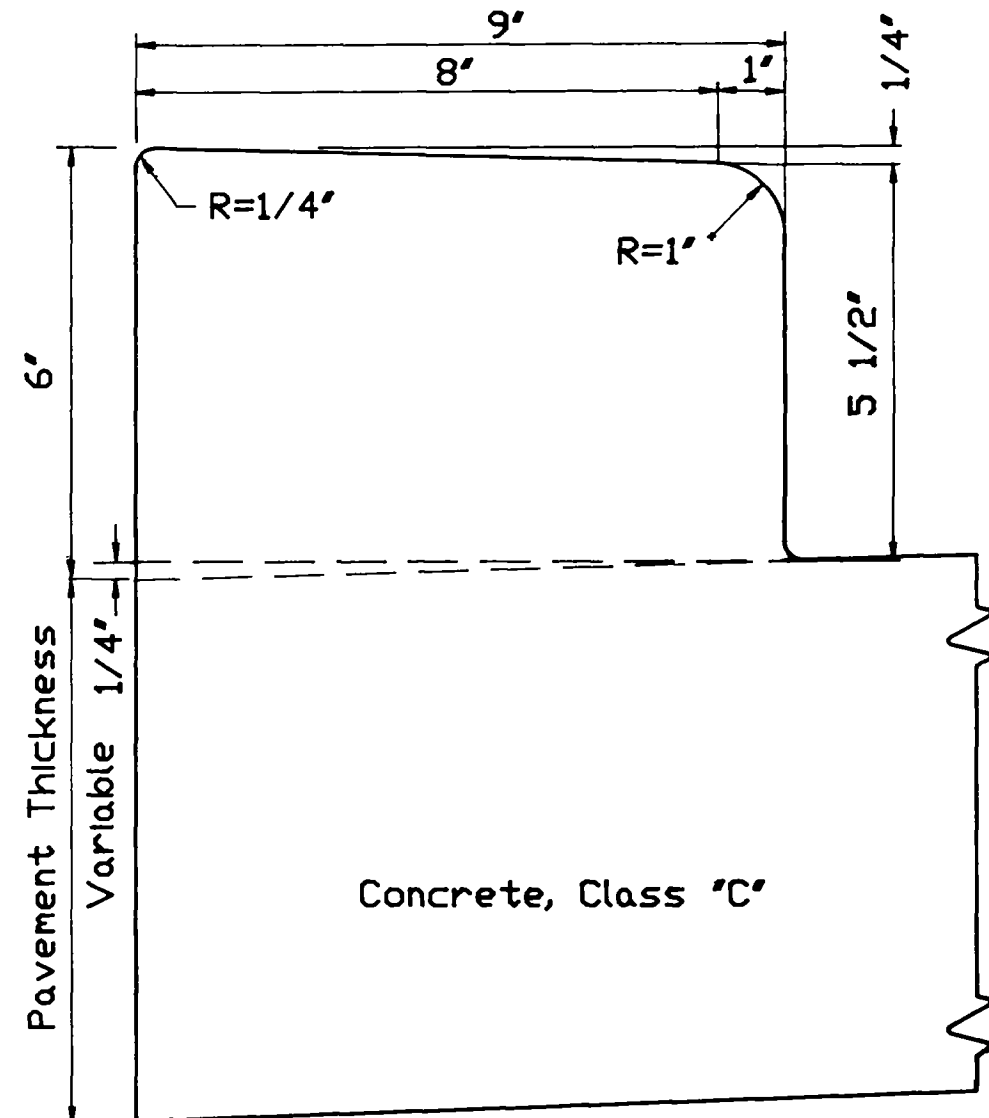
ACC. NO. 21431



TYPE P-1
BATTERED



TYPE P-2
CIRCULAR



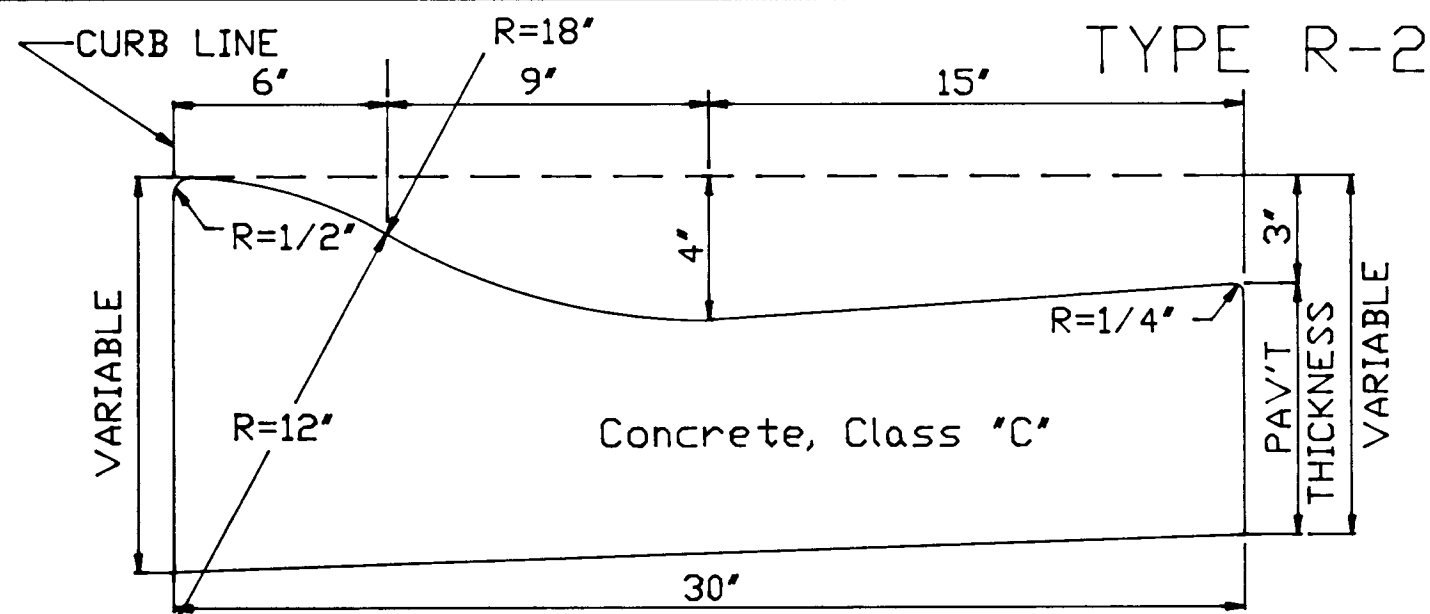
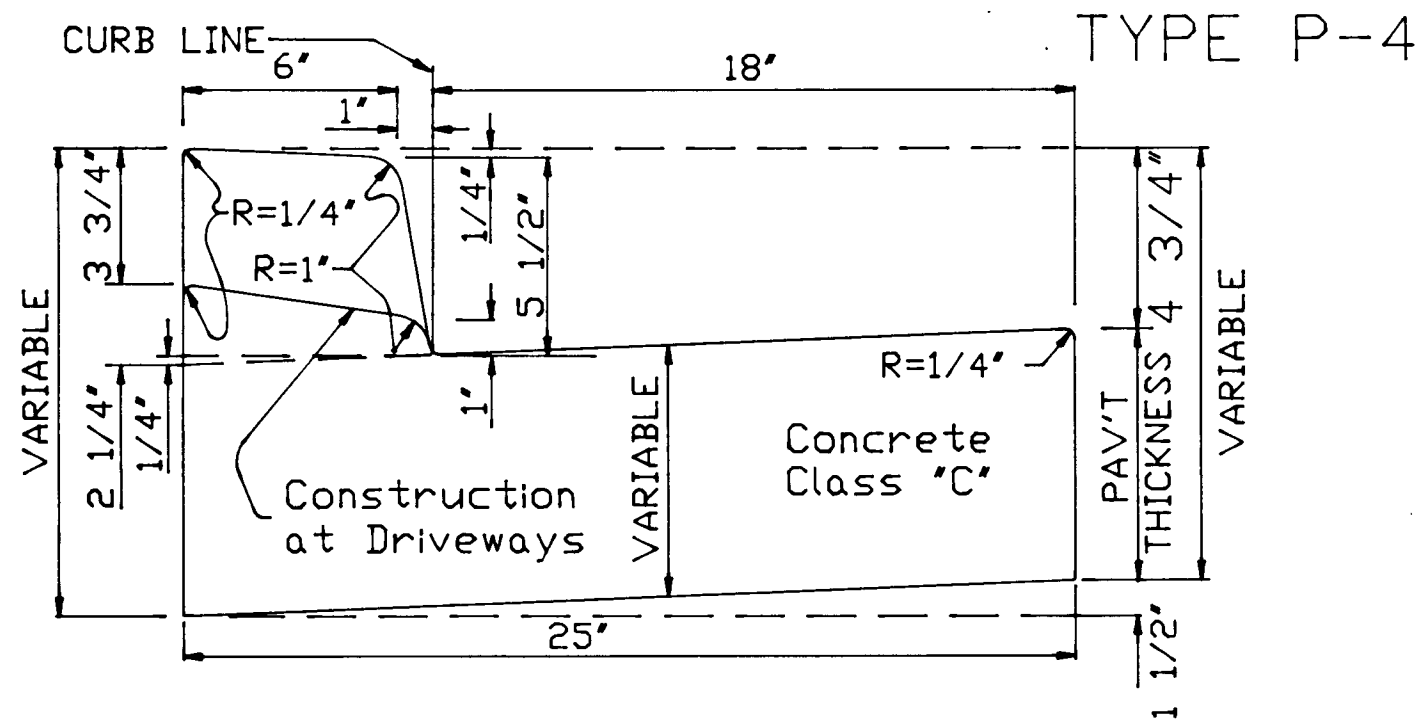
TYPE P-3
CIRCULAR

NOTE: The construction of Type P-2 and P-3 Curb shall apply only to radii less than One Hundred Feet (100') and shall not be used on larger radii curves.

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
CONCRETE CURB
INTEGRAL WITH
CONCRETE PAVEMENT
SCALE: 3/8" = 1' FEB. , 1991

Telford 4-3-91
CITY ENGINEER

ACC. NO. 21432



CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

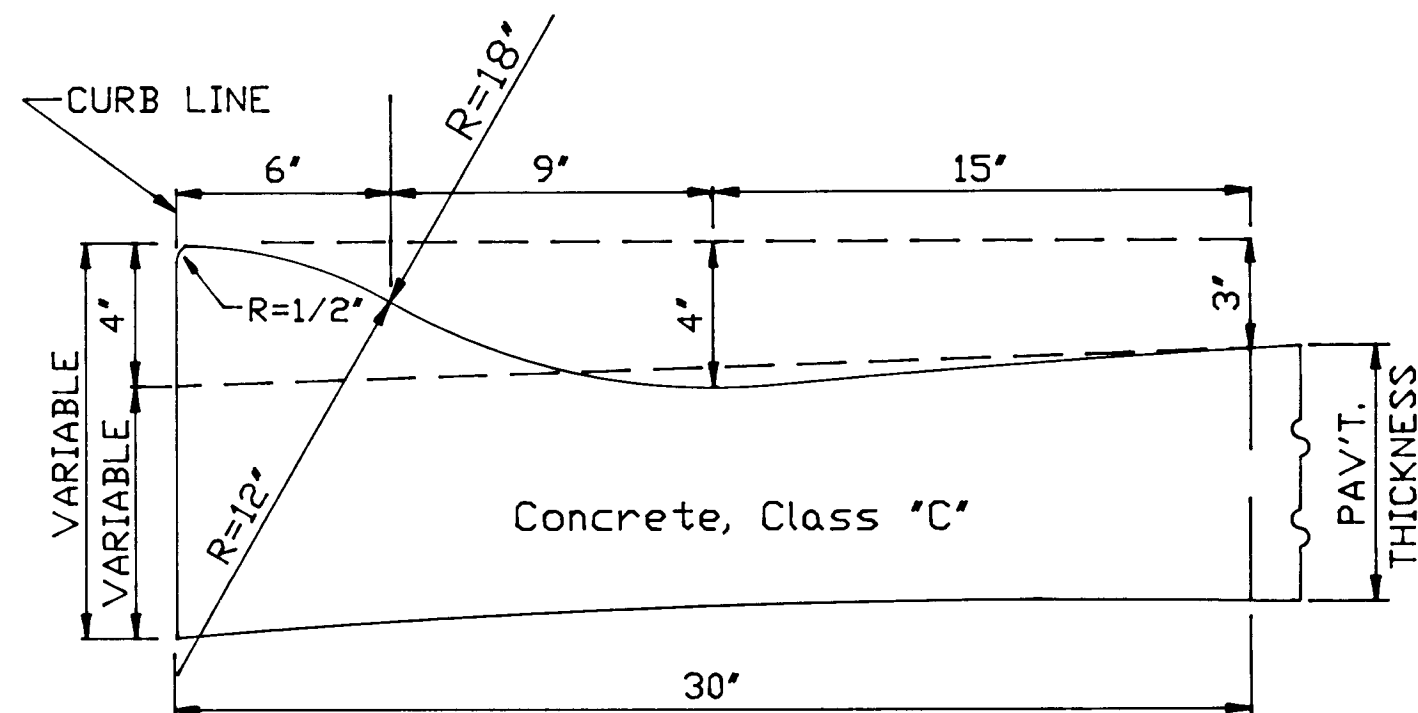
STANDARD CONCRETE
COMBINED CURB & GUTTER

SCALE: 3/16" = 1' MAY, 1995

Kungari

CITY ENGINEER

ACC. NO. 21433



CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

STANDARD CONCRETE
ROLL CURB INTEGRAL WITH
CONCRETE PAVEMENT

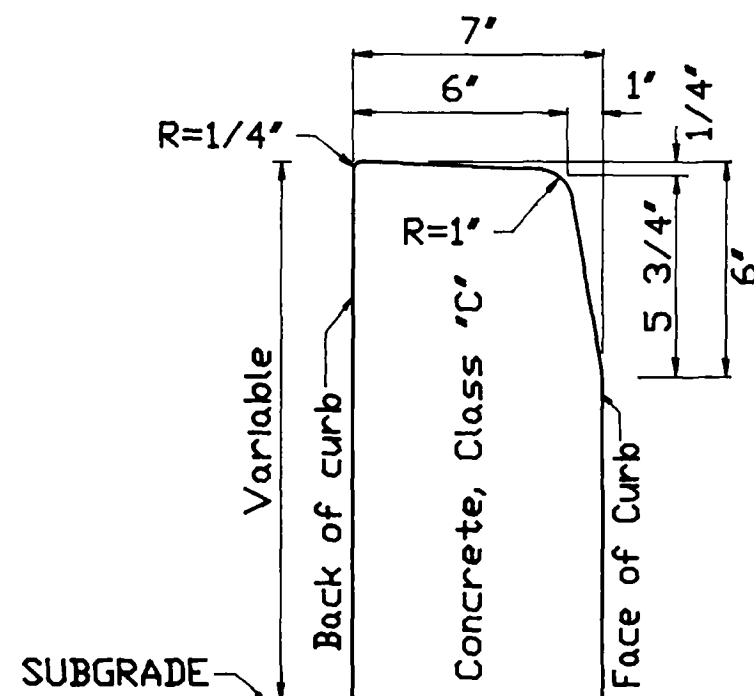
SCALE: 3/16" = 1'

MAY, 1995

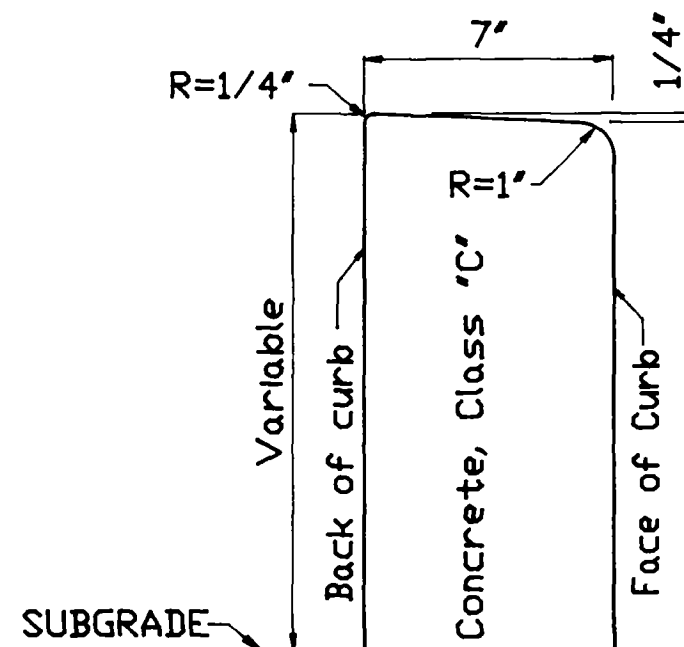
Benjamin

CITY ENGINEER

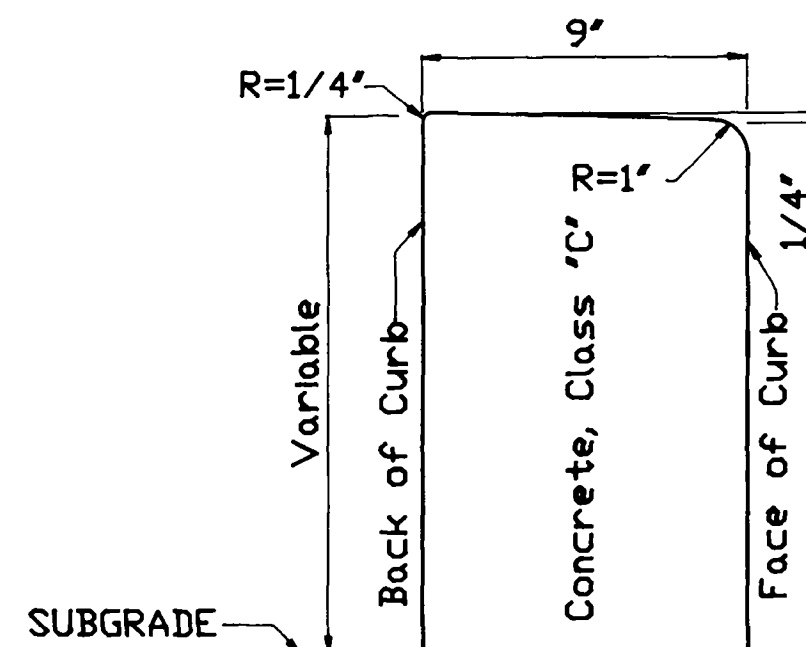
ACC. NO. 21434



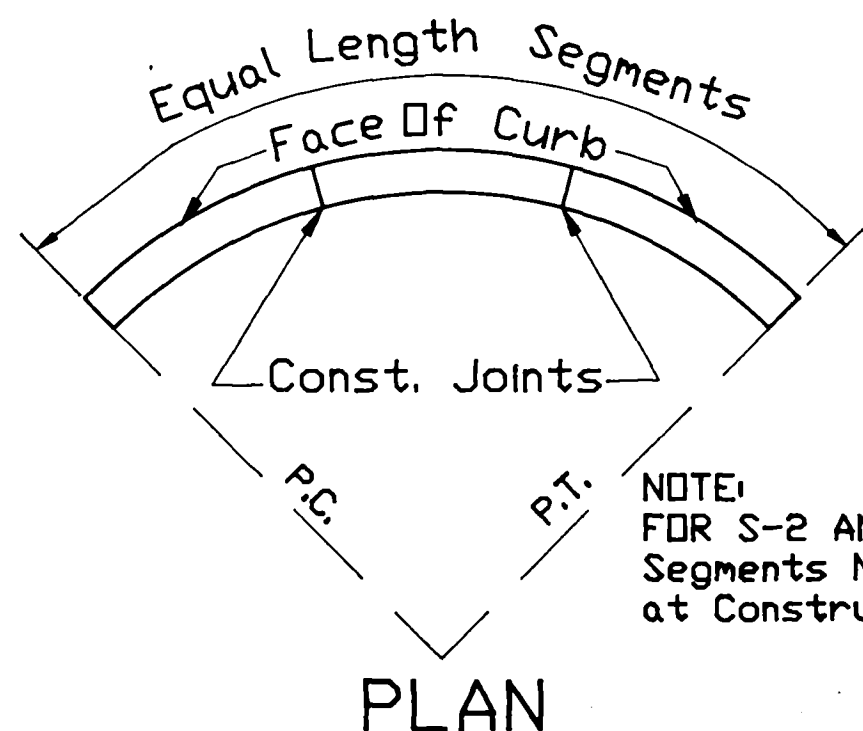
BATTERED
TYPE S-1



CIRCULAR
TYPE S-2



CIRCULAR
TYPE S-3



NOTE:
FOR S-2 AND S-3 CURBS
Segments Not to be Bonded
at Construction Joints.

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

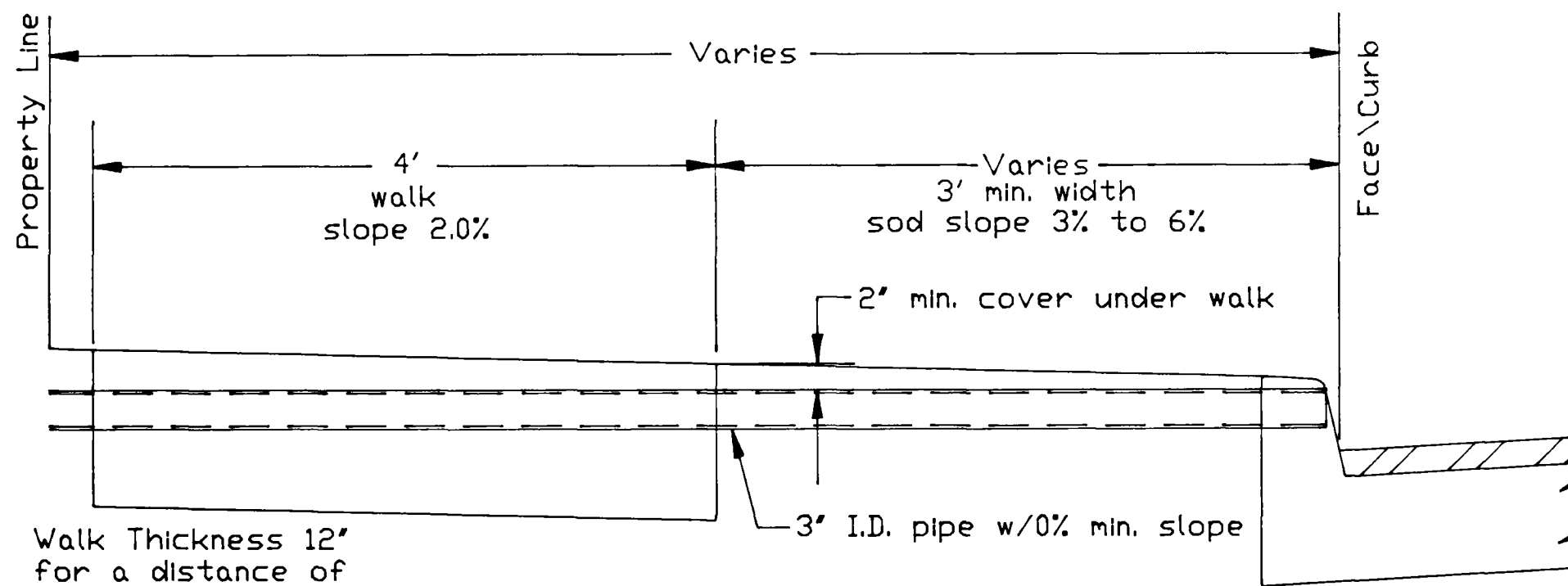
STANDARD SEPARATE CONCRETE CURBS

SCALE: 3/16" = 1"

FEBRUARY, 1991

APPROVED: TE Young 4-3-91
CITY ENGINEER

ACC. NO. 21435



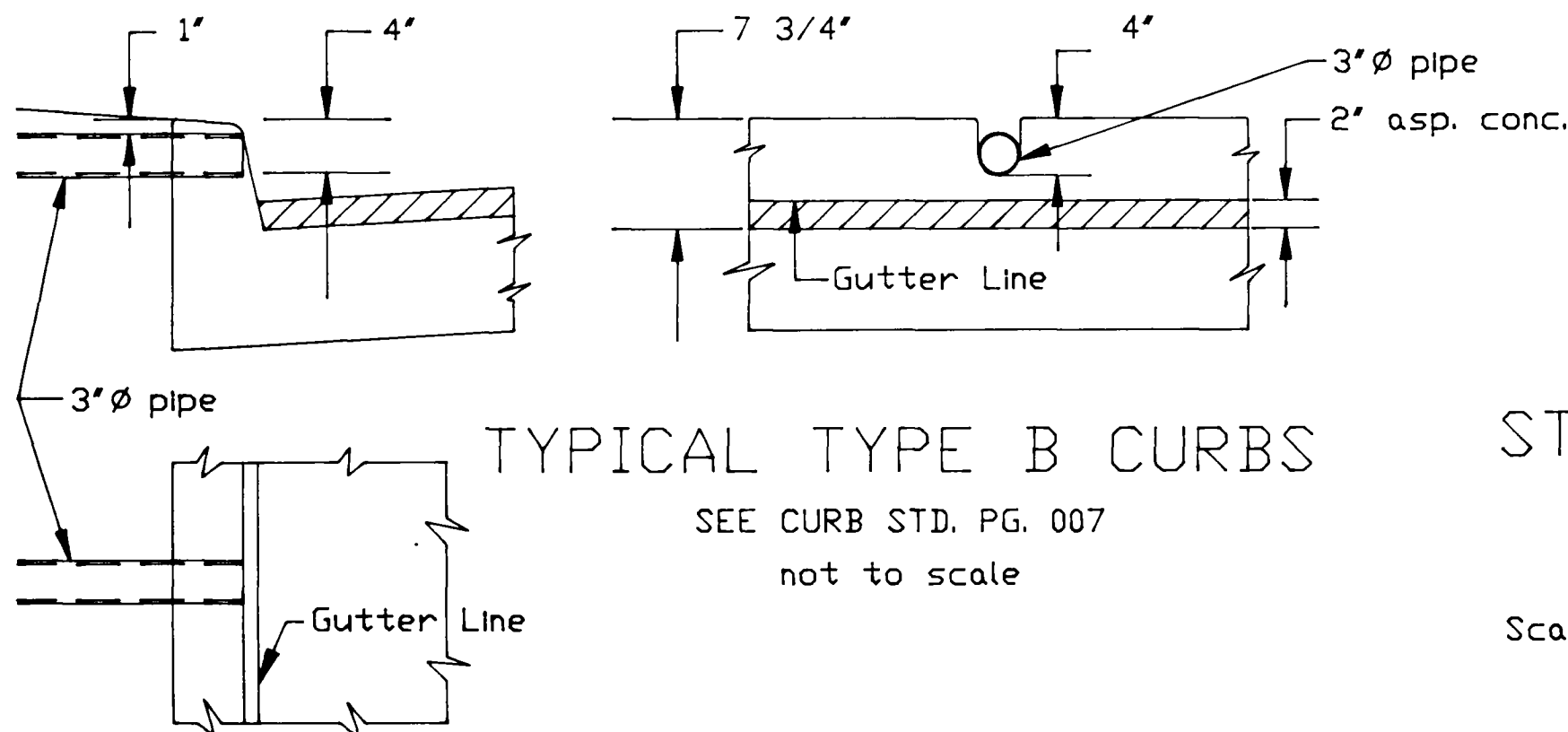
Walk Thickness 12"
for a distance of
2'-0" each side of
centerline of pipe

TYPICAL SIDEWALK SPACE
SCALE 1/2"=1'

NOTE: Downspout leader can be installed at time of construction with a 4" slot in curb. After curb has been constructed, slot must be sawed.

Conduit material shall be either cast iron or PVC.

Downspout Leader is to drain only Downspouts, and shall not be connected to any underground water source.



TYPICAL TYPE B CURBS

SEE CURB STD. PG. 007
not to scale

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

STANDARD DOWNSPOUT LEADER OUTLETS FOR STANDARD CONCRETE CURB TYPE B'S

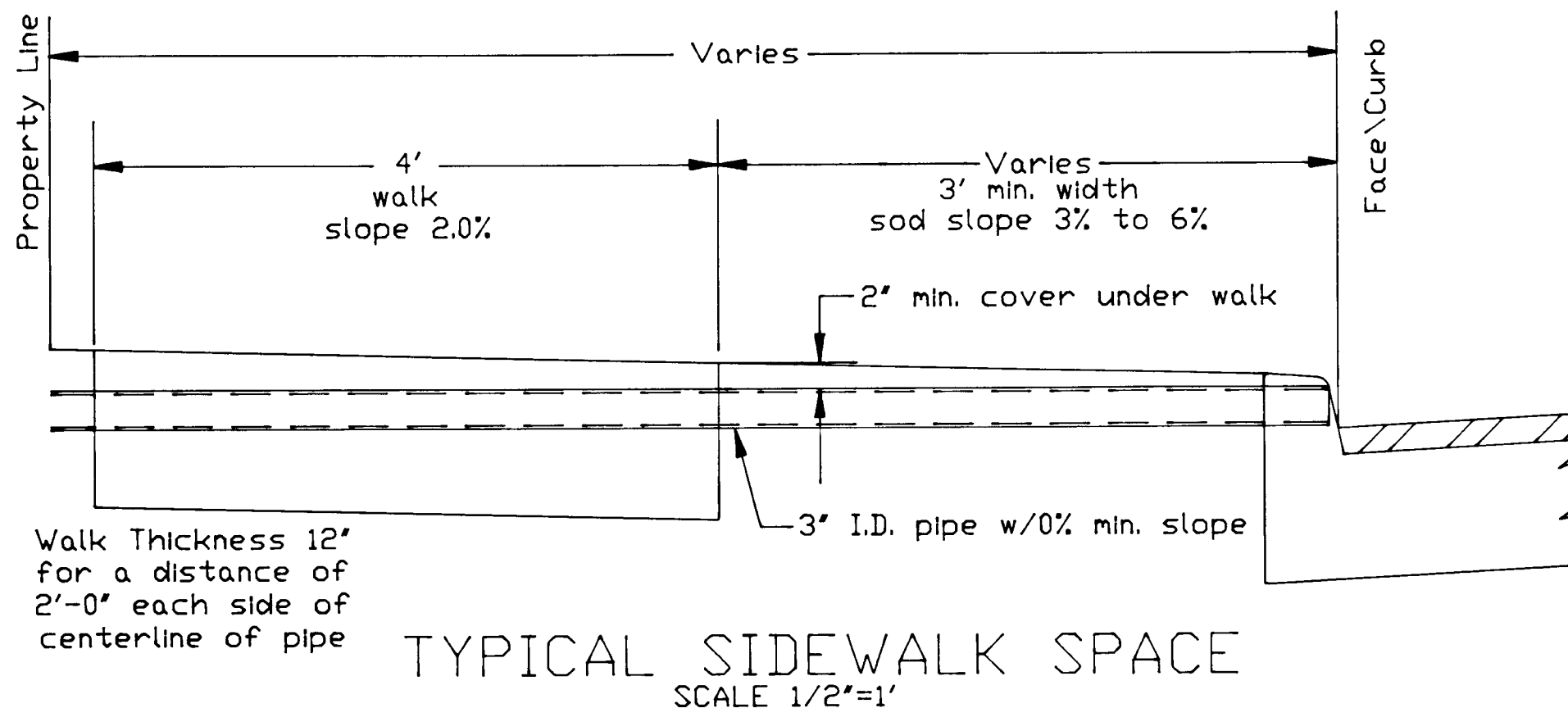
Scale as noted

MAY, 1995

Thurgood

CITY ENGINEER

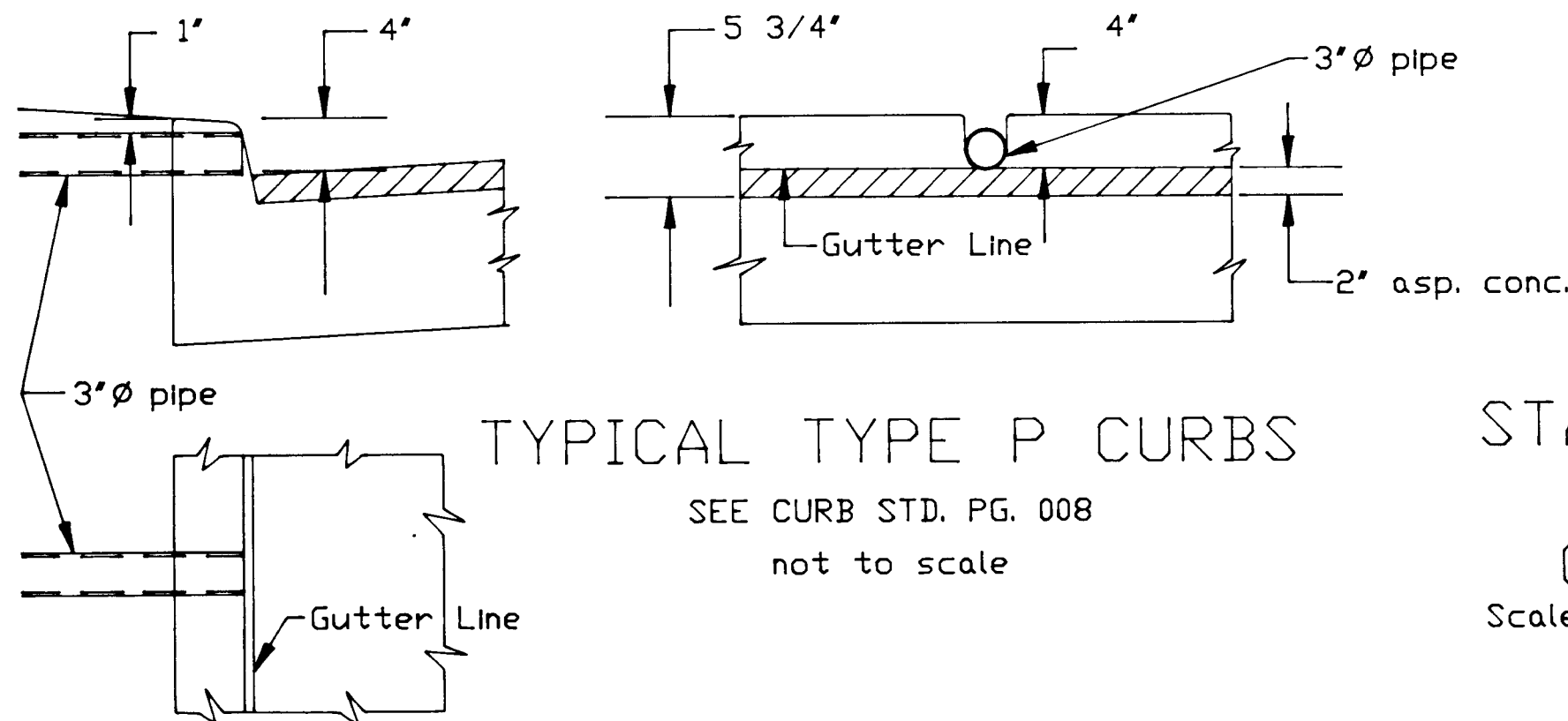
ACC. NO. 20622



NOTE: Downspout leader can be installed at time of construction with a 4" slot in curb. After curb has been constructed, slot must be sawed.

Conduit material shall be either cast iron or PVC.

Downspout Leader is to drain only Downspouts, and shall not be connected to any underground water source.



CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

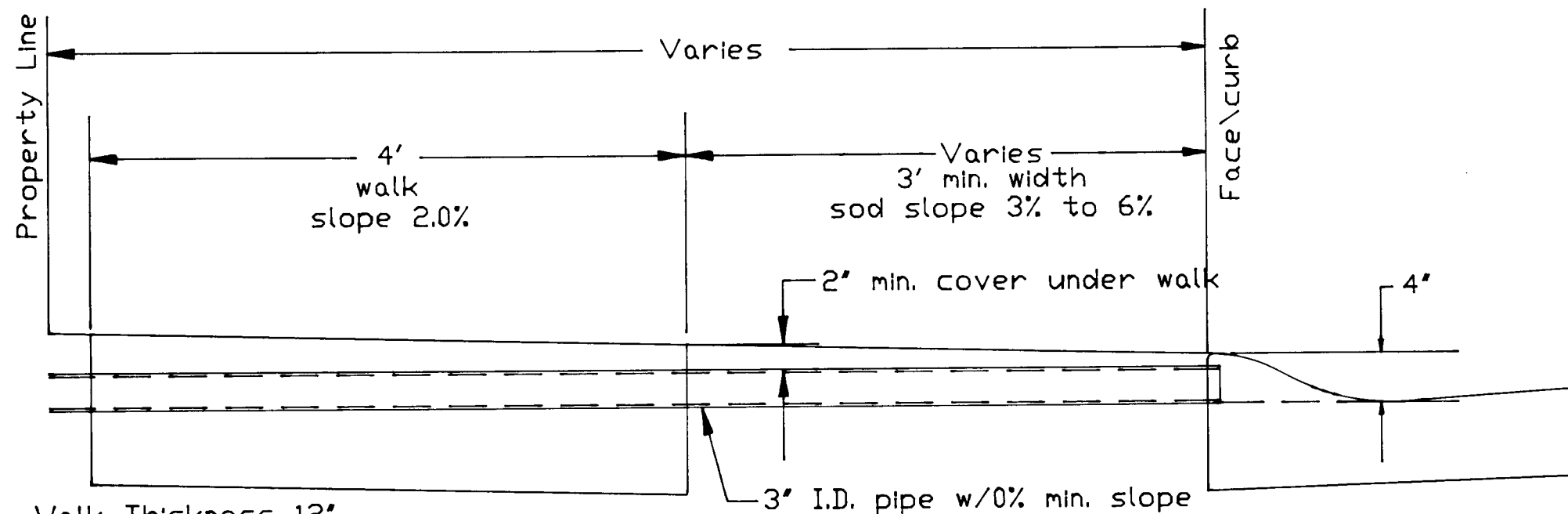
STANDARD DOWNSPOUT LEADER
OUTLETS FOR STANDARD
CONCRETE CURB TYPE P's

Scale as noted

MAY, 1995

Bremgang
CITY ENGINEER

ACC. NO. 20622



Walk Thickness 12"
for a distance of
2'-0" each side of
centerline of pipe

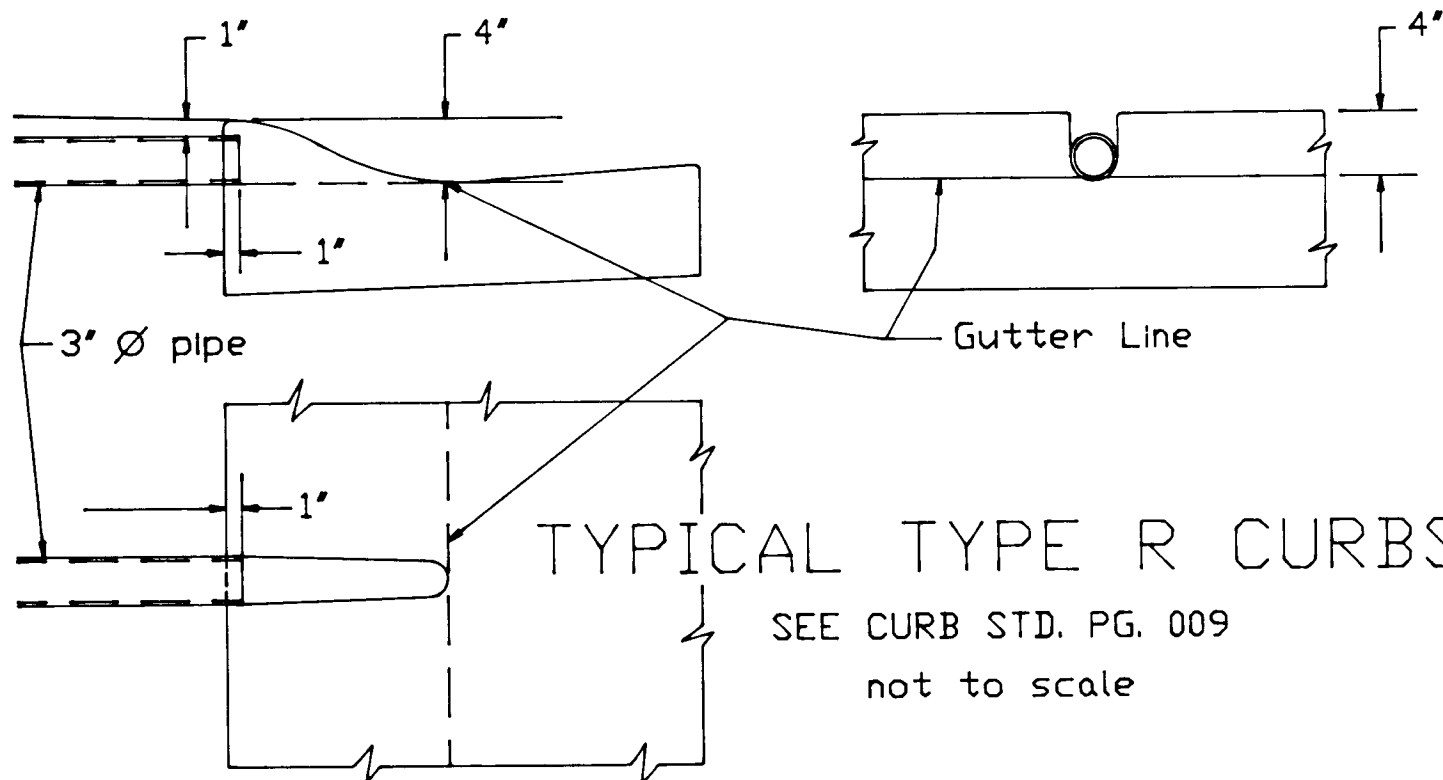
TYPICAL SIDEWALK SPACE

SCALE 1/2"=1'

NOTE: Downspout leader can be installed at time of construction with a 4" slot in curb. After curb has been constructed, slot must be sawed.

Conduit material shall be either cast iron or PVC.

Downspout Leader is to drain only Downspouts, and shall not be connected to any underground water source.



CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

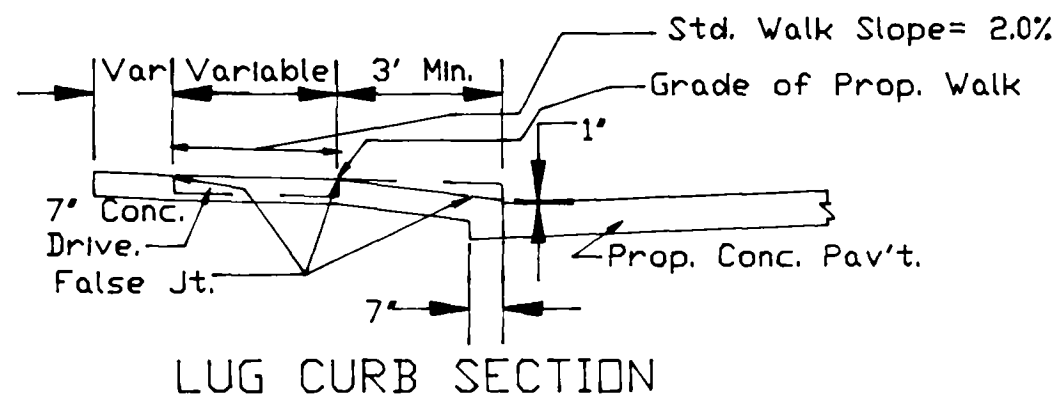
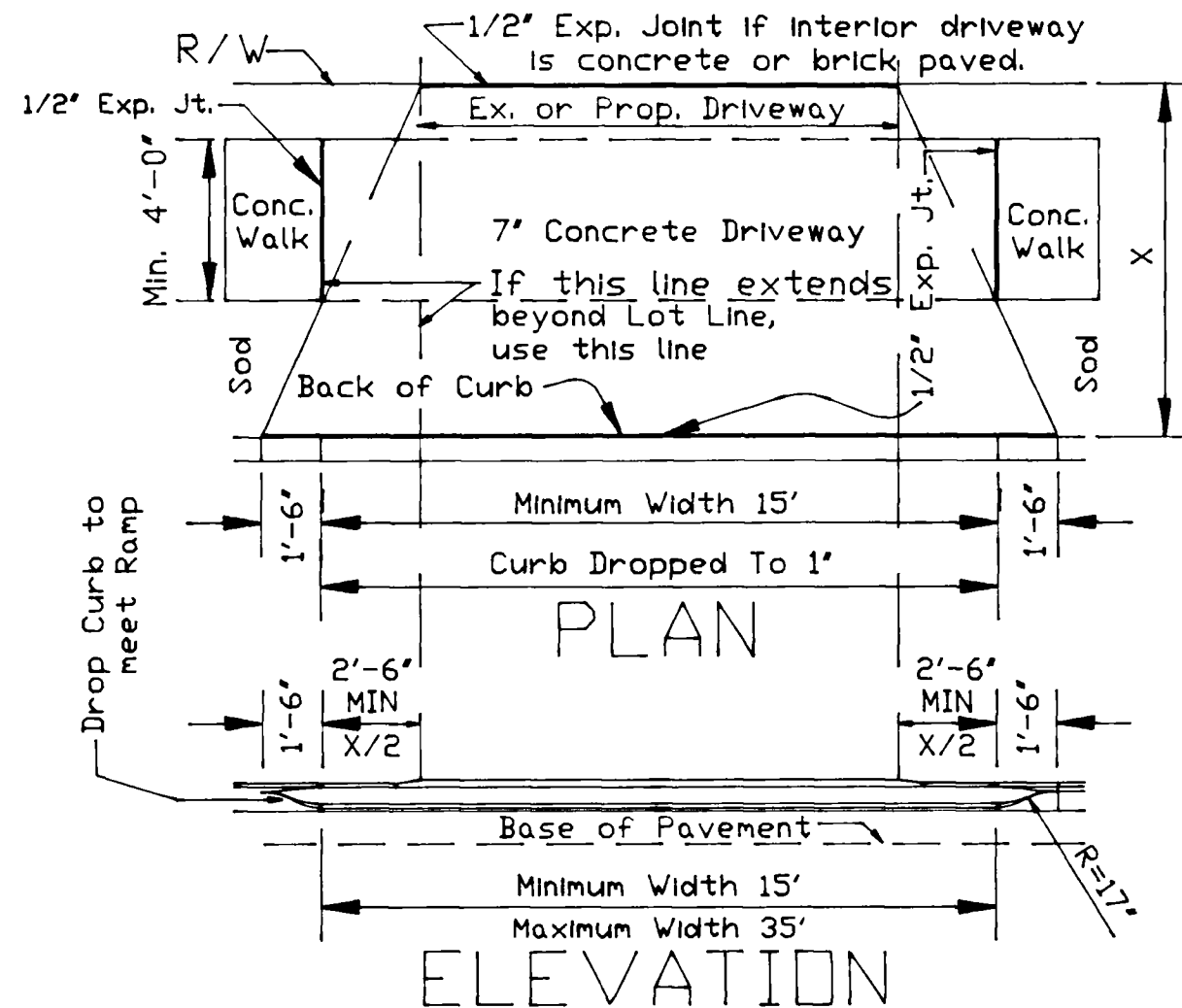
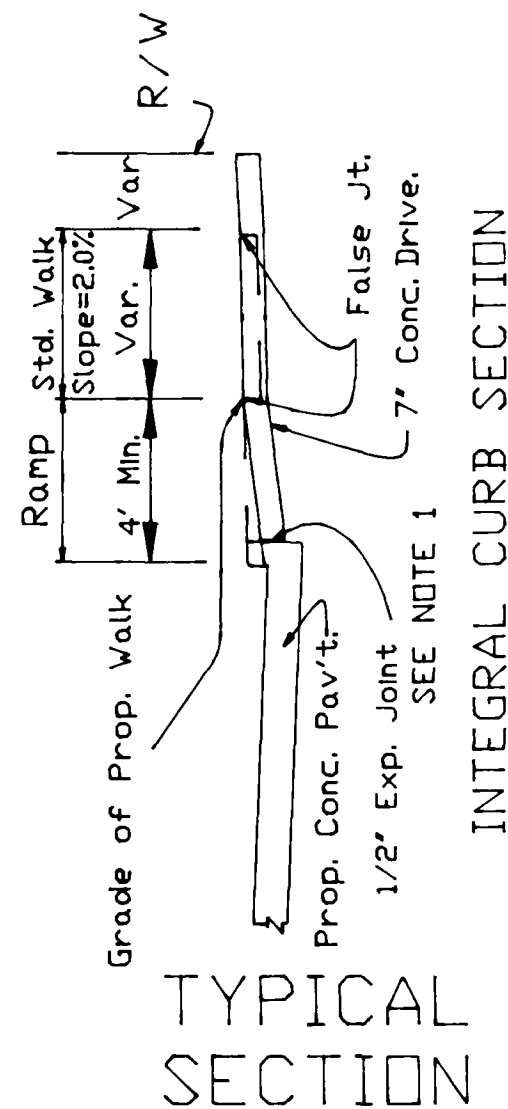
STANDARD DOWNSPOUT LEADER OUTLETS FOR STANDARD CONCRETE CURB TYPE R's

Scale as noted

MAY, 1995

T. J. J. J.
CITY ENGINEER

ACC. NO. 20622



Note:
This type of construction
permitted only at locations
approved by City Engineer.

- NOTE:
- ① For Additional Driveway Drop Curb Details, See Standard Drawings for Type L-1, B-1, P-1, P-4 and R-2 Concrete Curbs.
 - ② Conc. Walk shall be removed to the nearest joint outside of the Proposed driveway. Install 1/2 inch Exp. joint against undisturbed concrete walk.
 - ③ Dimensions may be modified to accommodate existing conditions at locations approved by, and to the satisfaction of, the City Engineer.

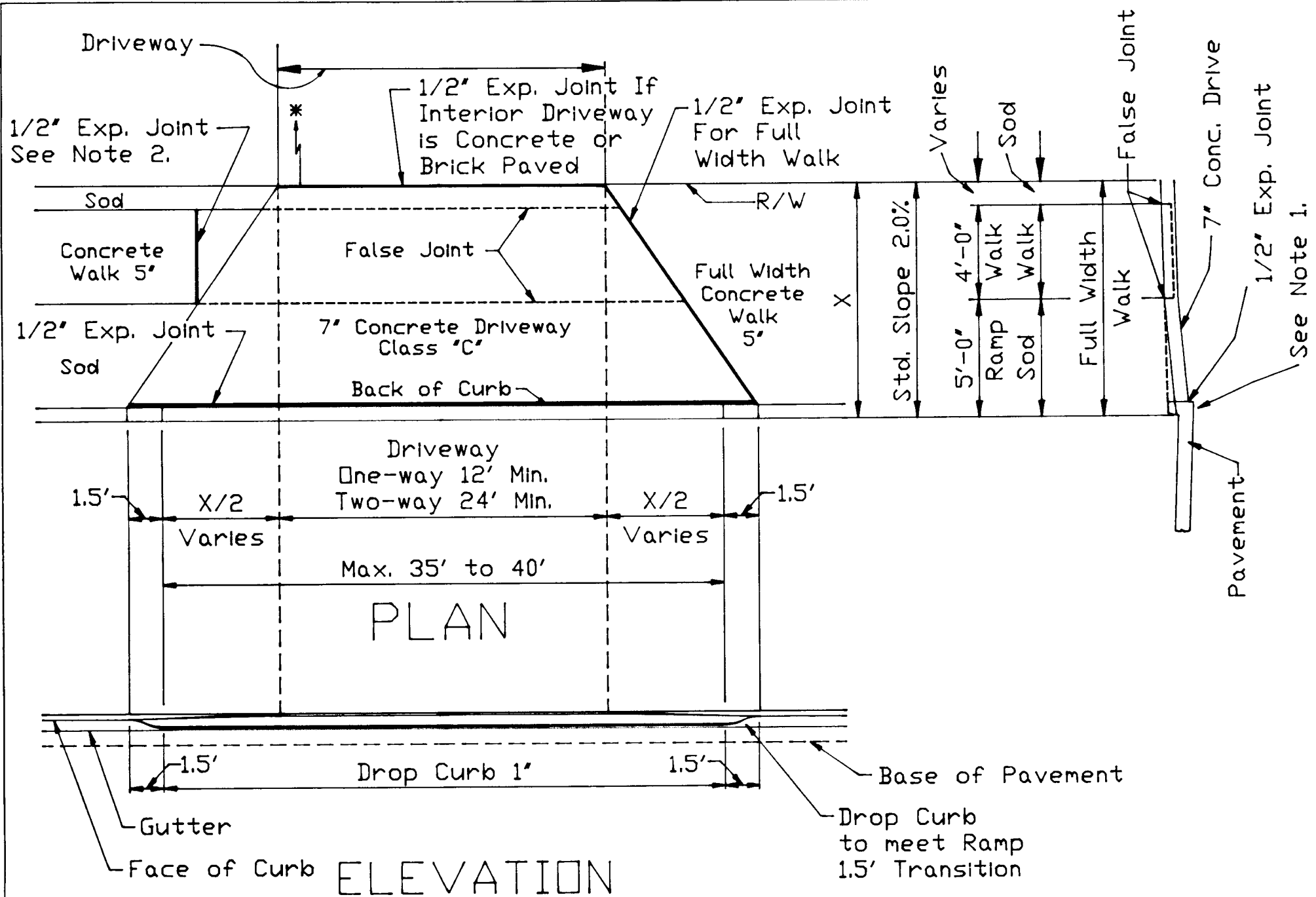
CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
STANDARD RESIDENTIAL
DRIVEWAY CONSTRUCTION

SCALE: NONE

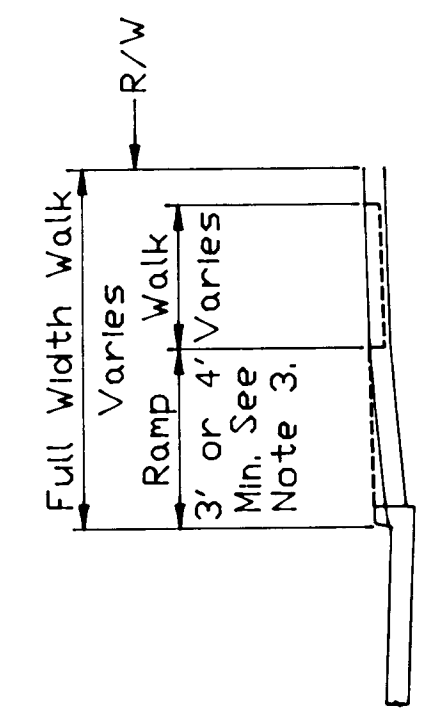
MAY, 1995

Peng
CITY ENGINEER

ACC. NO. 21436



TYPICAL DRIVEWAY SECTION



VARIABLE DRIVEWAY SECTION

NOTE:
This type of construction permitted only at locations approved by City Engineer.

- NOTE:
- ① For Additional Driveway Drop Curb Details See Standard Drawings Type L-1, B-1, P-1, P-4 and R-2 Concrete Curbs.
 - ② Conc. Walk shall be removed to the nearest joint outside of the Proposed driveway. Install 1/2 inch Exp. joint against undisturbed concrete walk.

- ③ Dimensions may be modified to accommodate existing conditions at locations approved by, and to the satisfaction of, the City Engineer.
- *To be paved 25' behind Property line, as per CMC 721-134.

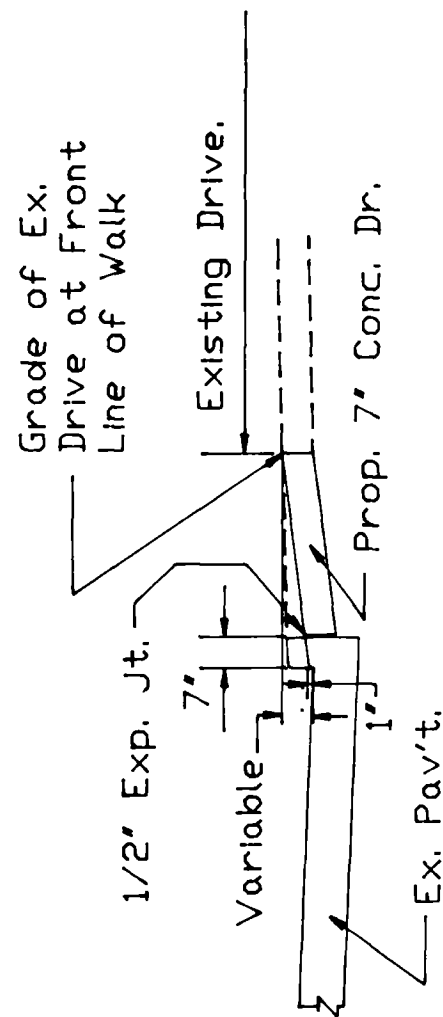
CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
STANDARD COMMERCIAL
DRIVEWAY CONSTRUCTION

SCALE: NONE

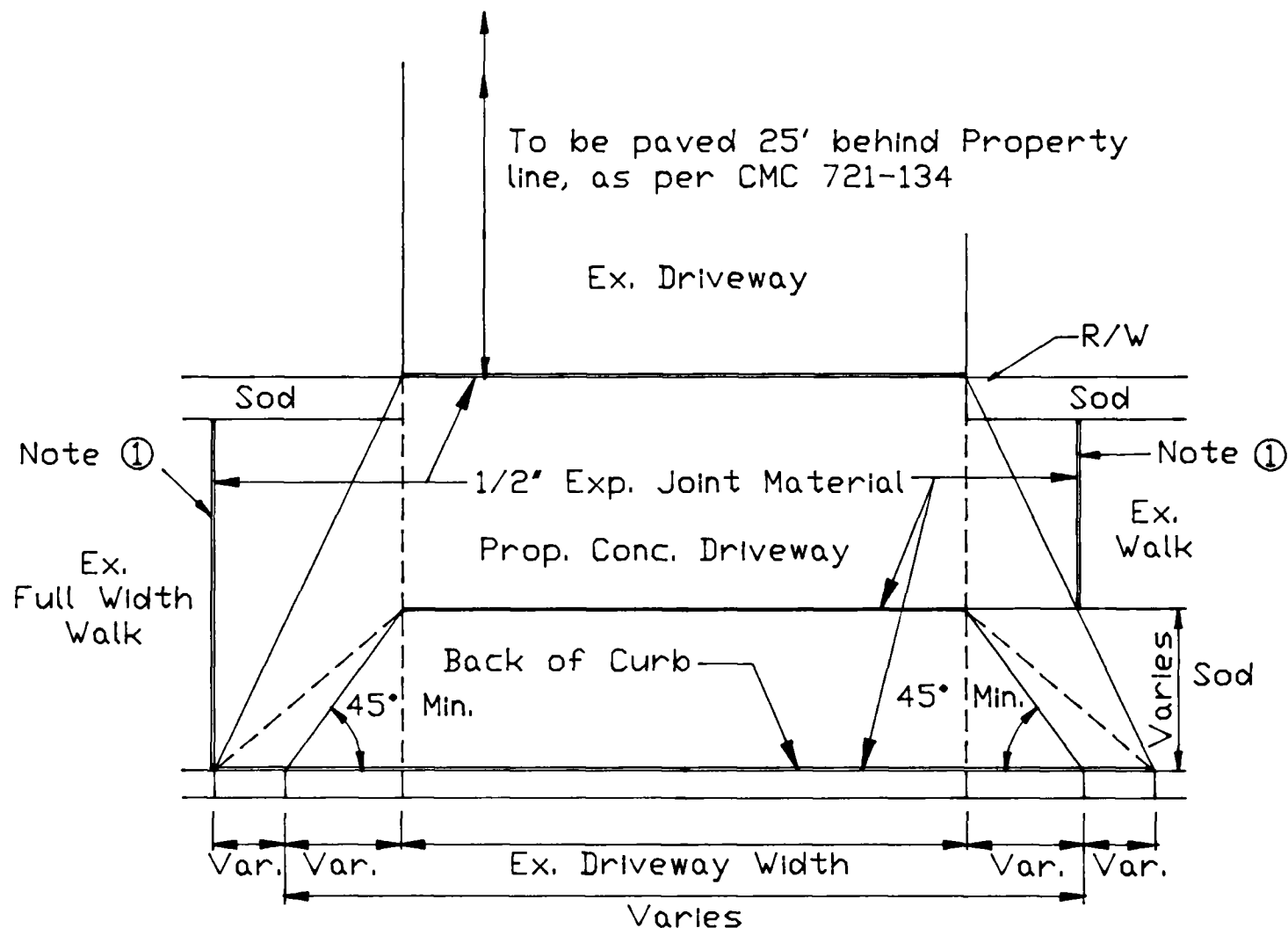
MAY, 1995

Pung
CITY ENGINEER

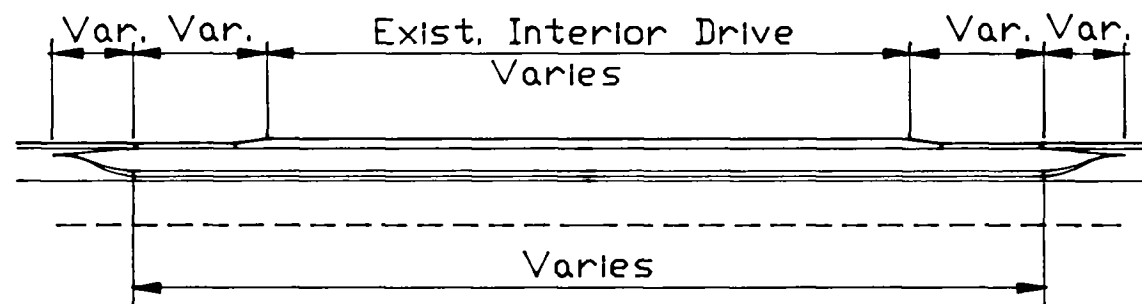
ACC. NO. 21516



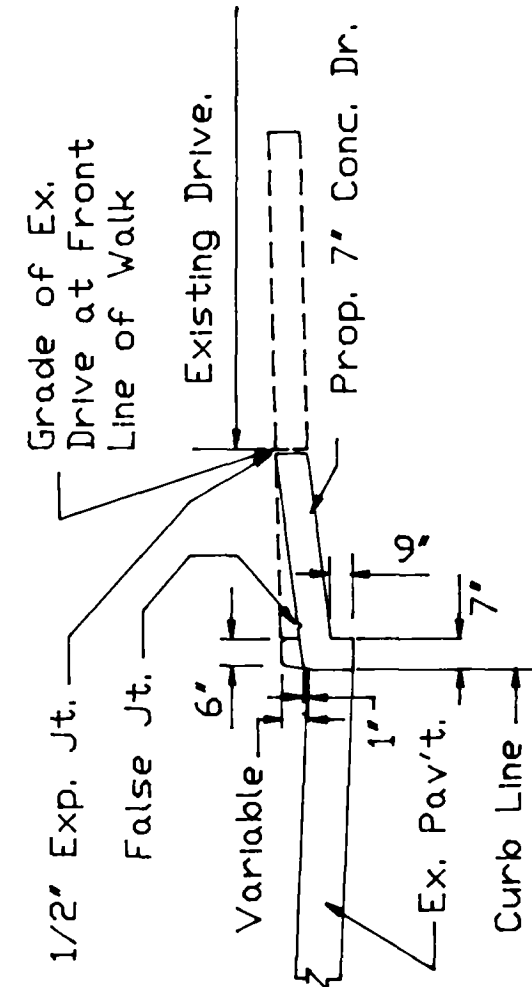
INTEGRAL CURB SECTION



PLAN



ELEVATION



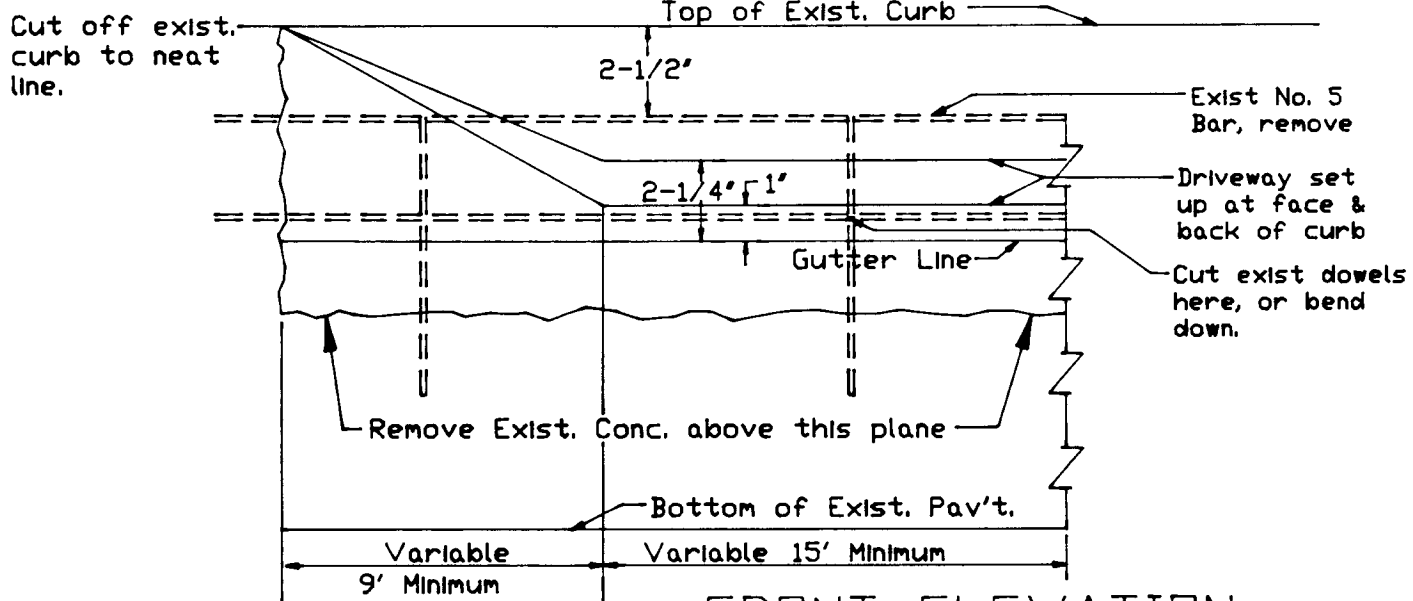
LUG CURB SECTION

- NOTE:
- ① Conc. Walk to be removed to the nearest joint outside of the Proposed driveway. Install 1/2 inch Exp. joint against undisturbed concrete walk.
 - ② Requirements may be modified to accommodate existing conditions at locations approved by the City Engineer.

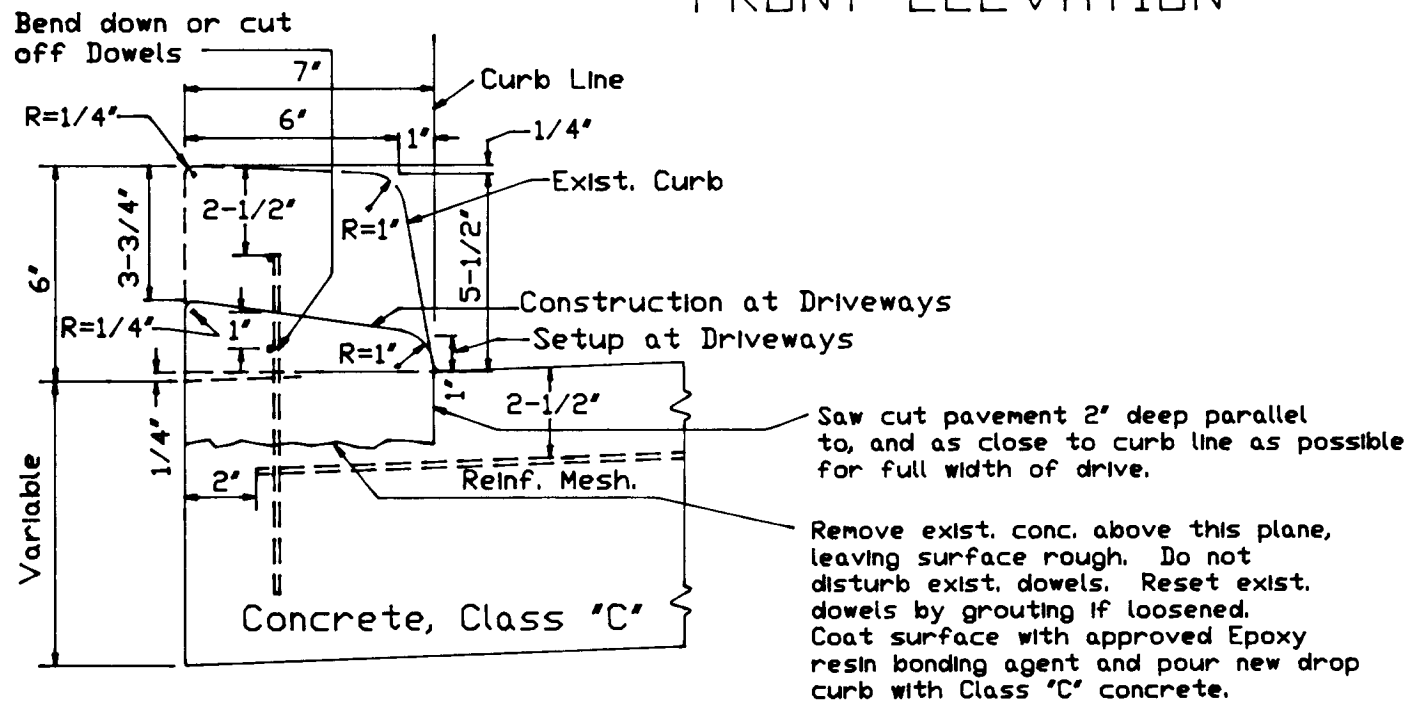
- ③ For Additional Driveway Drop Curb Details See L-1, B-1, P-1, P-4 and R-2.

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
**STANDARD
DRIVEWAY
RECONSTRUCTION**
SCALE : 3/16" = 1'-0" May , 1995

Teng
CITY ENGINEER
ACC. NO. 21508



FRONT ELEVATION

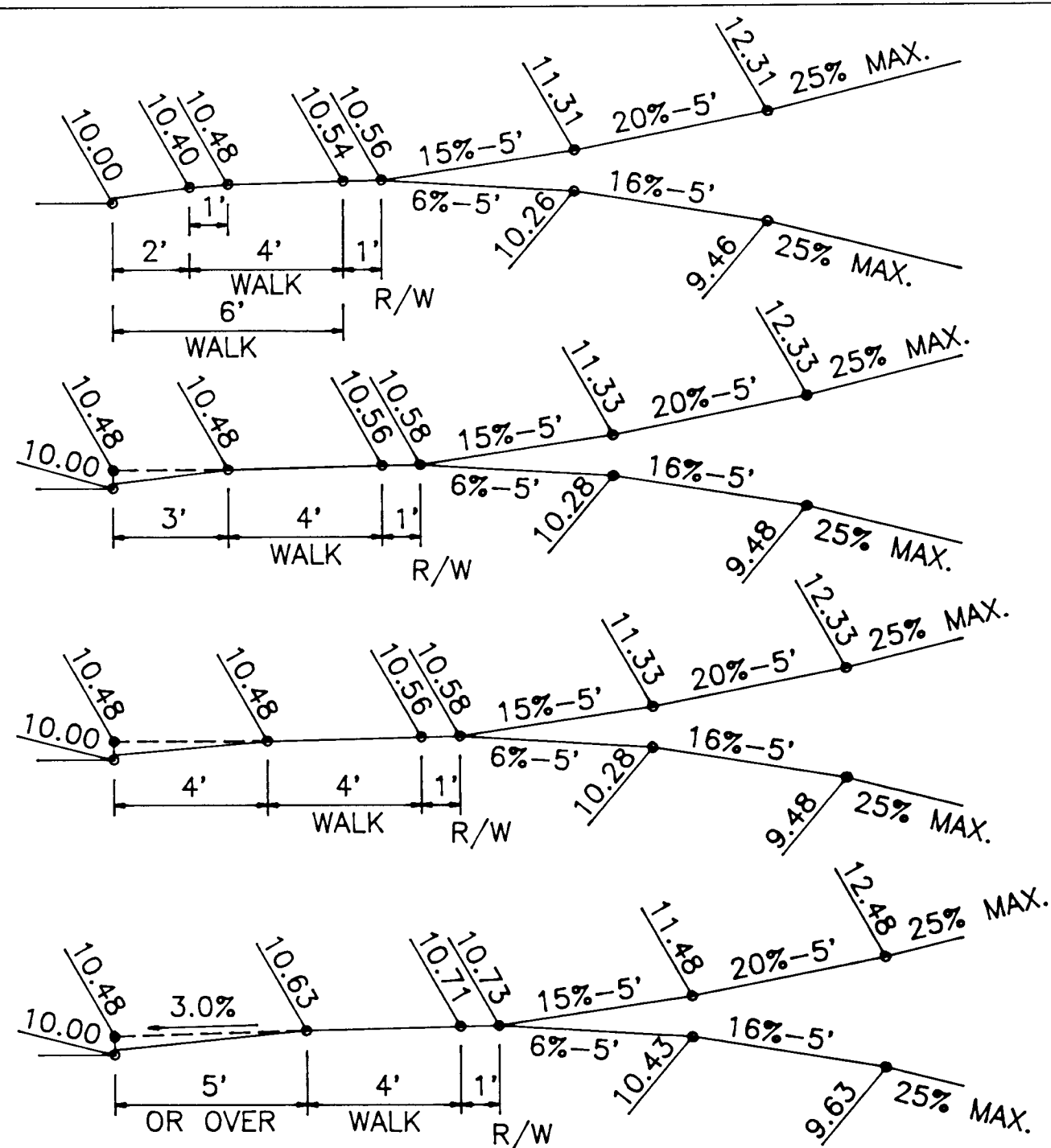


TYPICAL SECTION

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
REPLACING INTEGRAL
CURB WITH
DROP CURB AT DRIVEWAYS
SCALE: NONE
FEBRUARY, 1991

T. Young
CITY ENGINEER
ACC. NO. 21509

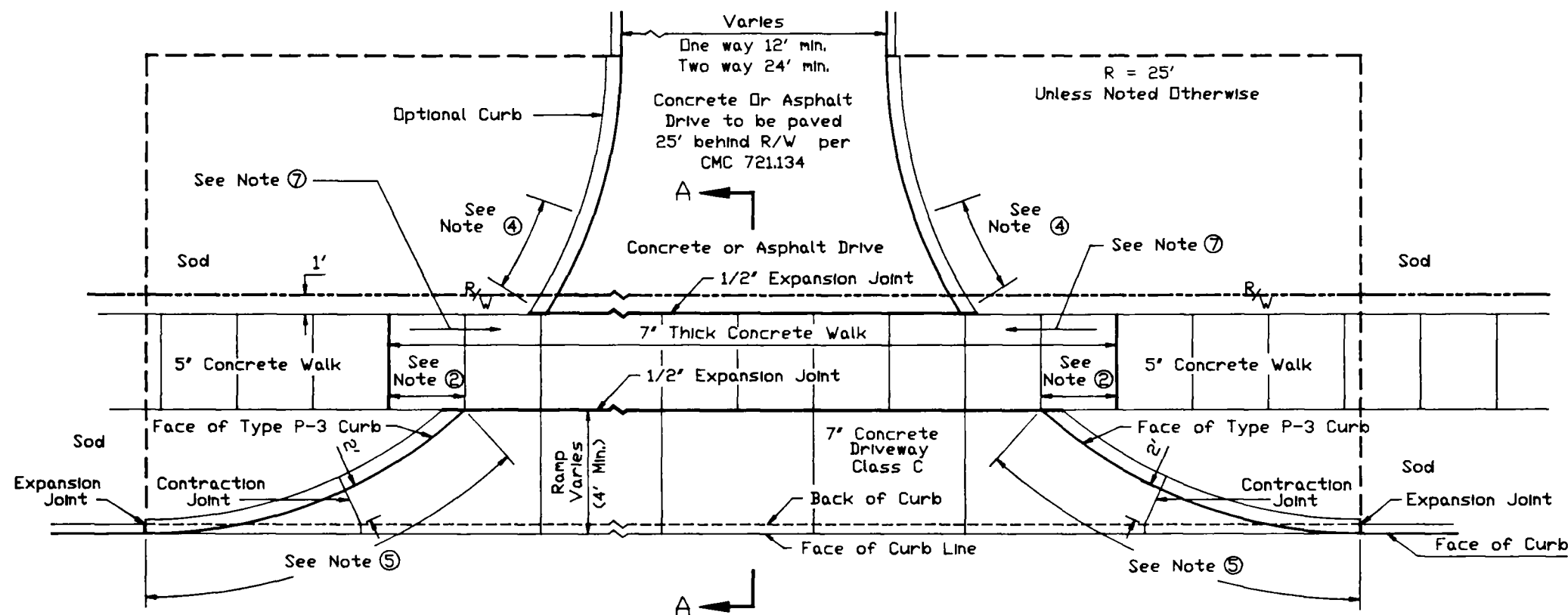
NOTE: SECTION 721-143 OF THE CINCINNATI MUNICIPAL CODE PROVIDES THAT ON UNIMPROVED STREETS THE GRADE OF THE DRIVEWAY AT THE PROPERTY LINE SHALL BE DETERMINED BY ASCENDING FROM THE EDGE OF THE TRAVELED ROADWAY AT THE RATE OF 1/2" PER FOOT.



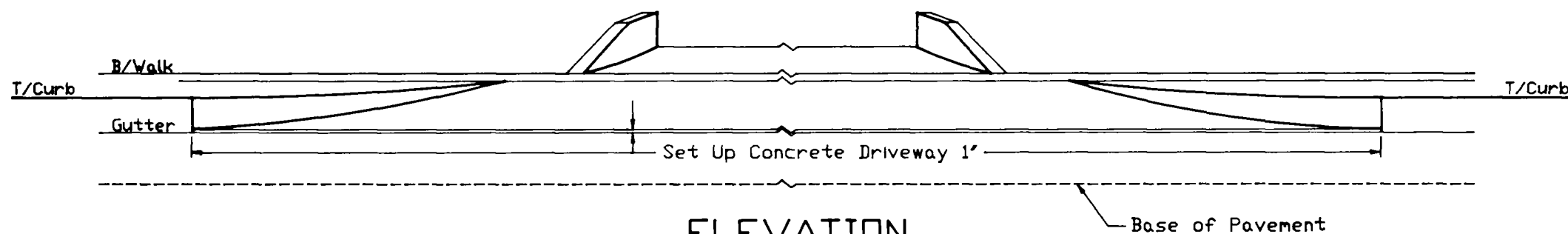
CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
MAXIMUM ASCENDING & DESCENDING
INTERIOR DRIVEWAY GRADES
FOR VARIOUS SIDEWALK LOCATIONS
NOT TO SCALE
MAY, 1995

NOTE: R/W = RIGHT OF WAY

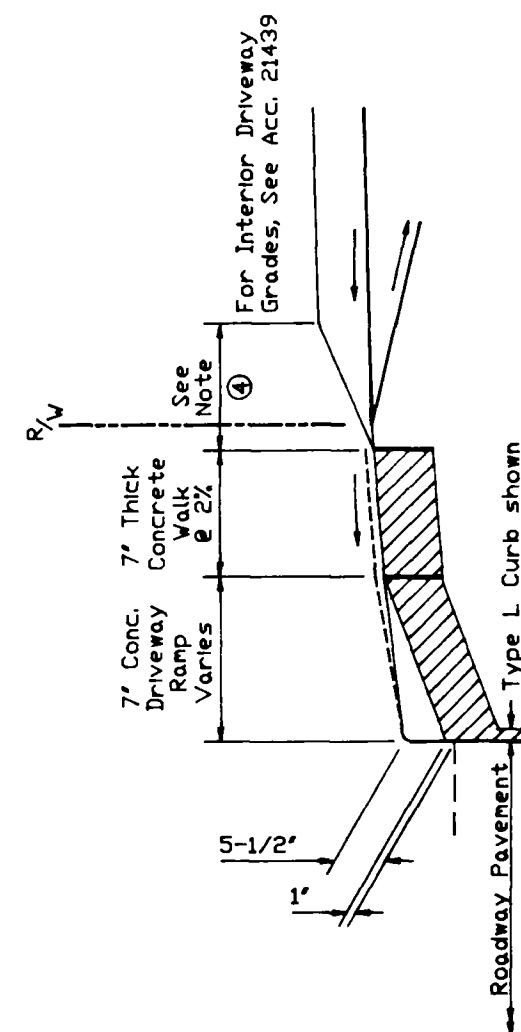
T. Young
CITY ENGINEER
ACC. NO. 21439



PLAN



ELEVATION



SECTION A-A

- NOTE:
- ① For Additional Driveway Drop Curb Details, See Standard Drawings for Types L-1, B-1, P-1, P-3, P-4, and R-2 Concrete Curbs.
 - ② Conc. Walk to be removed to the nearest joint outside of the Proposed driveway. Install 1/2 inch Exp. joint against undisturbed concrete walk.
 - ③ Requirements may be modified to accommodate existing conditions at locations approved by the City Engineer.

- ④ Taper curb height from 5 1/2' to 0' in 5'.
- ⑤ Taper curb height continuously from 4 1/2' to 0'
- ⑥ This type of construction permitted only at locations approved by the City Engineer.
- ⑦ Typically, the sidewalk grade is maintained throughout the driveway. Where the sidewalk is depressed for the driveway ramp, the sidewalk shall be sloped down at 1/4' per foot (max).

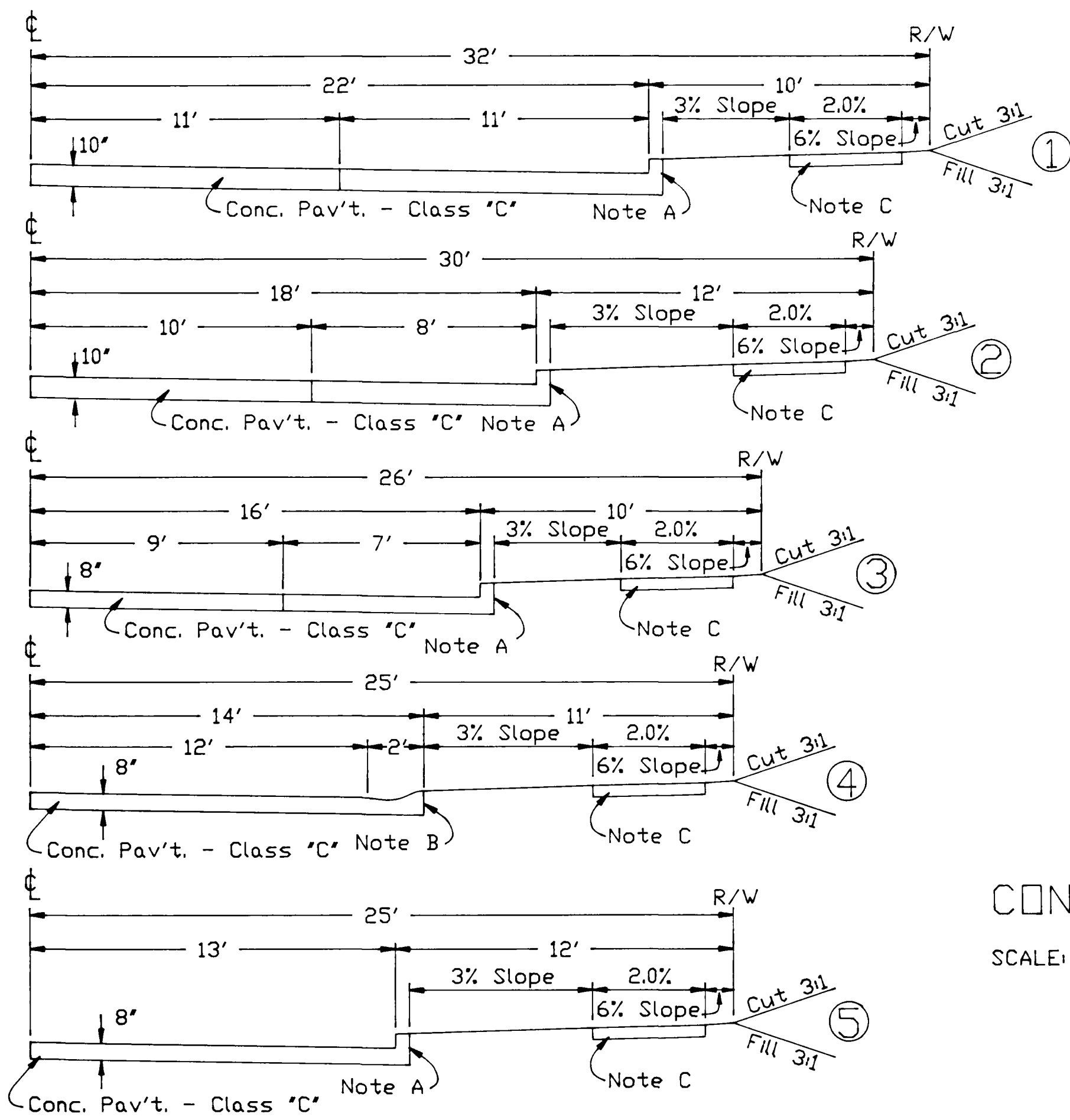
CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
**MODIFIED COMMERCIAL
DRIVEWAY CONSTRUCTION**

SCALE: NONE

June, 1995

Barry
CITY ENGINEER

ACC. NO. 22855



- ① 44 FT. ROADWAY
- ② 36 FT. ROADWAY
- ③ 32 FT. ROADWAY
- ④ 28 FT. ROADWAY
- ⑤ 26 FT. ROADWAY

FOR TRANSVERSE AND LONGITUDINAL JOINT SPECIFICATIONS, SEE STATE OF OHIO STANDARD CONSTRUCTION DRAWINGS BP-2.1 AND BP-2.2

- NOTE A CONCRETE CURB, TYPE P-1
- NOTE B CONCRETE CURB, TYPE R-1
- NOTE C CONCRETE WALK, 5' CLASS "C"

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

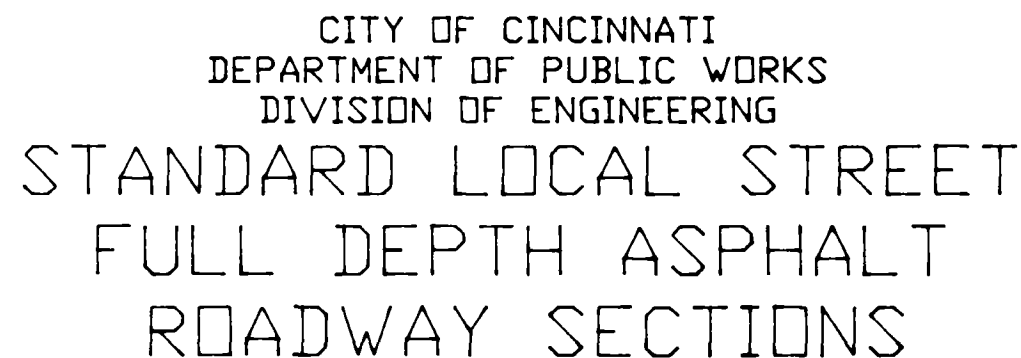
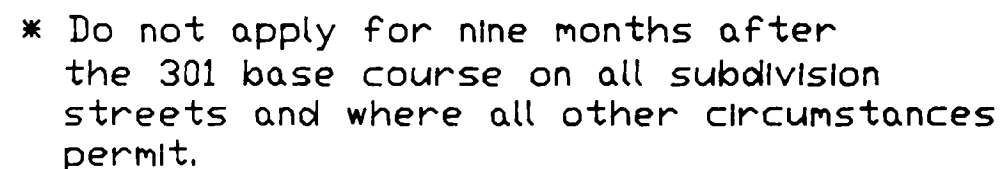
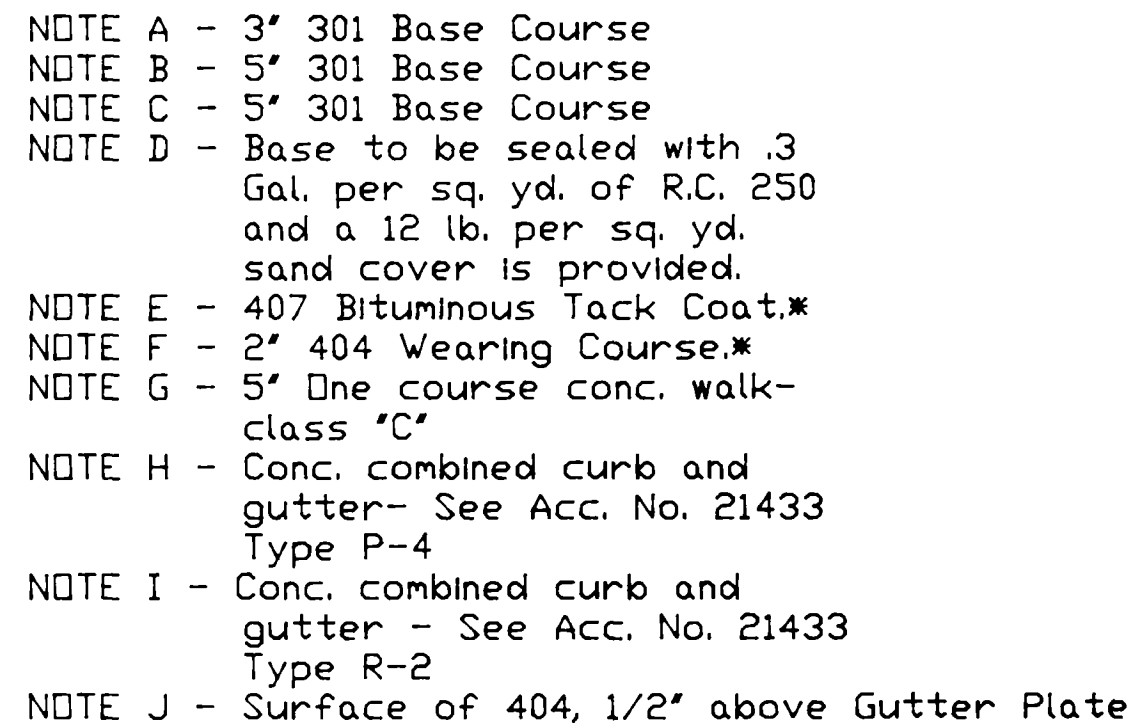
STANDARD CONCRETE ROADWAY SECTIONS

SCALE: 1/4" = 1'-0"

MAY ,1995

P. J. J. J.
CITY ENGINEER

ACC. NO. 21437



MAY 1995

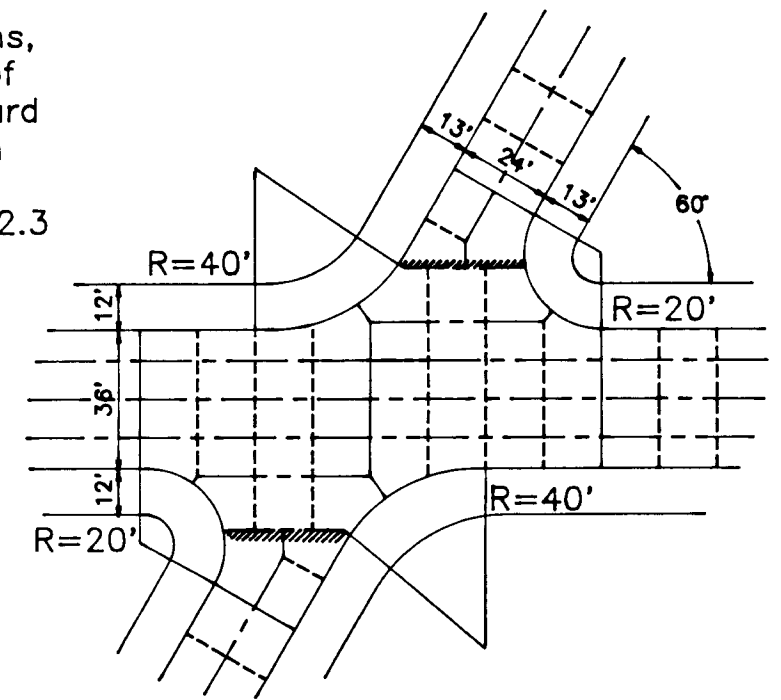
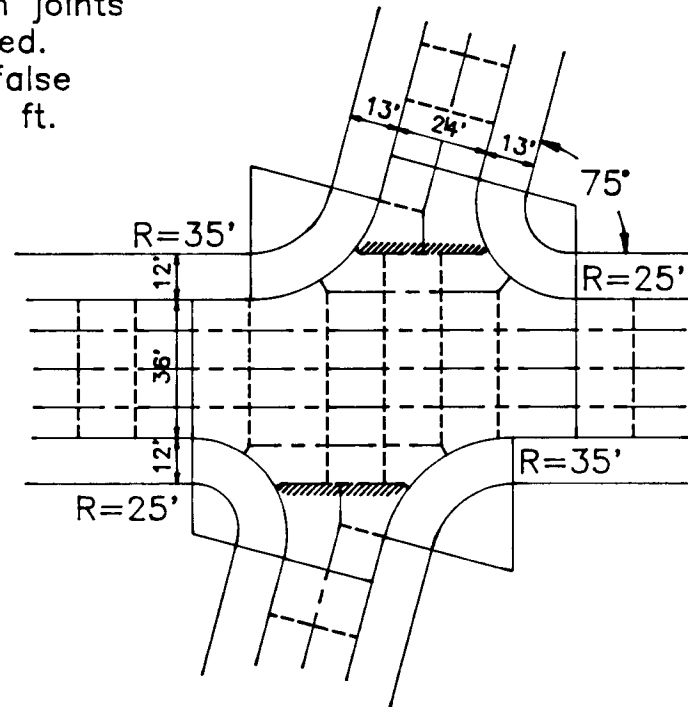
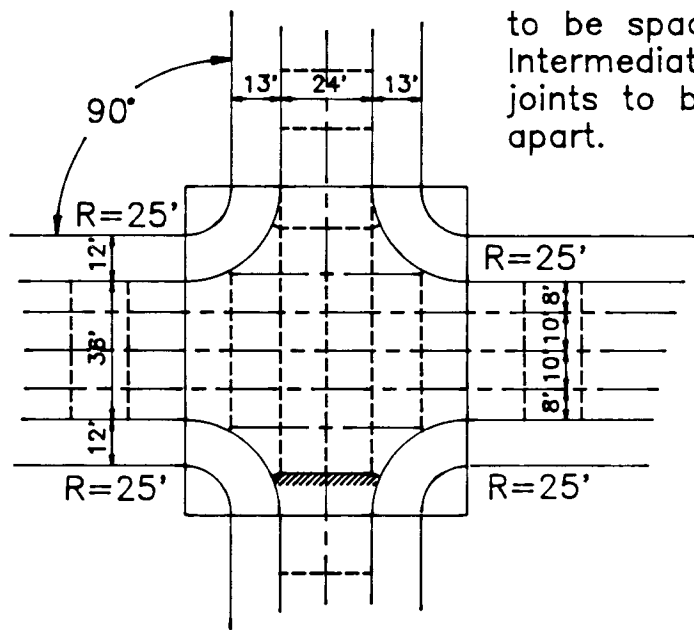
Peng
CITY ENGINEER

ACC. NO. 21510

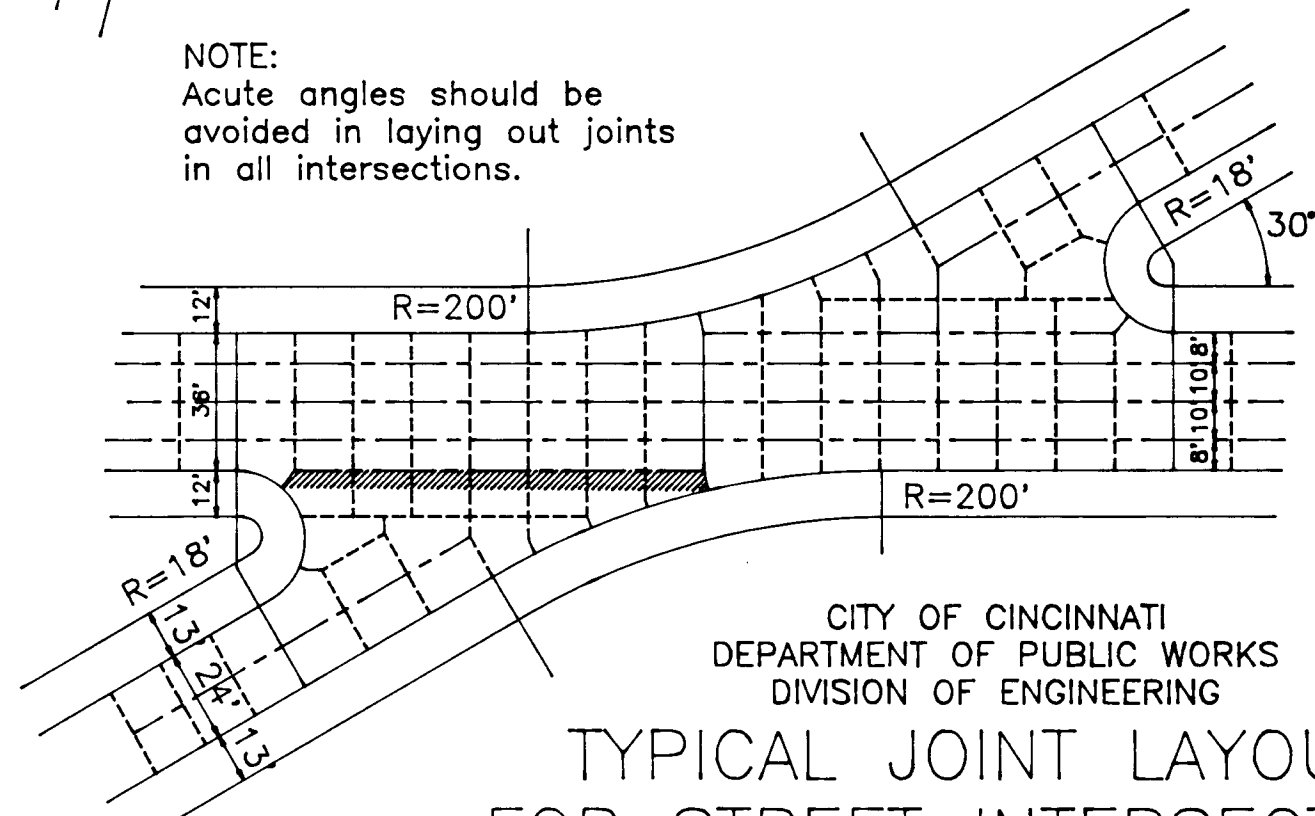
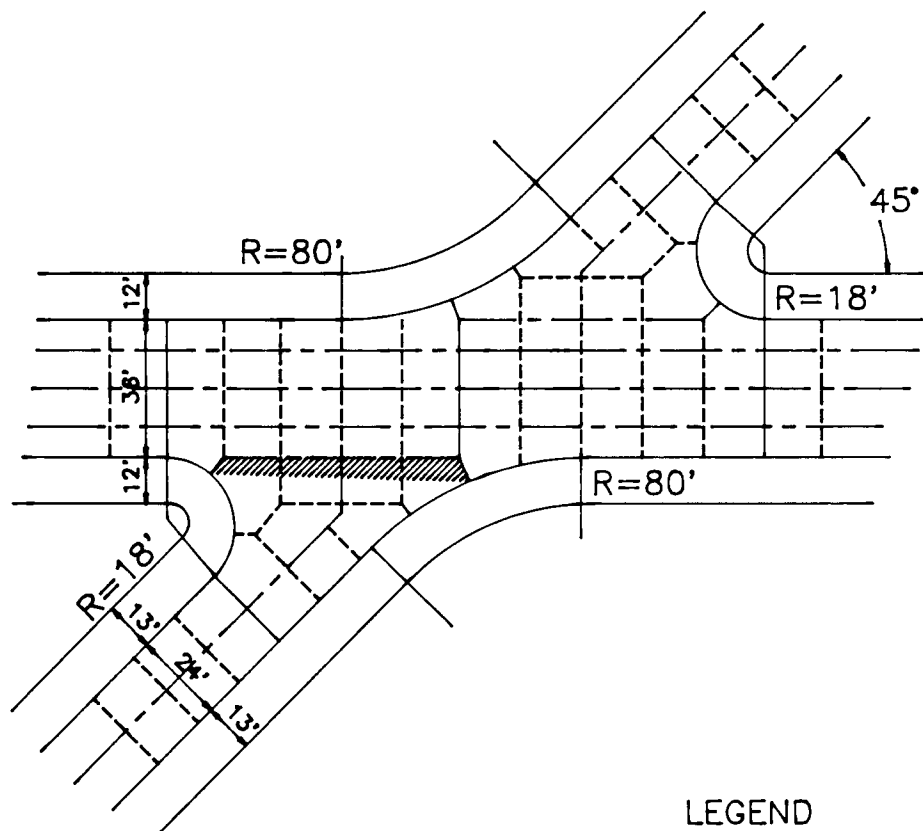
PAGE 025

NOTE:(Between Intersections).
1" Transverse expansion joints
to be spaced as directed.
Intermediate transverse false
joints to be spaced 15 ft.
apart.

For Joint
Specifications,
see State of
Ohio Standard
Construction
Drawings
BP-2.1,2.2,2.3
and 2.4



NOTE:
Acute angles should be
avoided in laying out joints
in all intersections.



- LEGEND
- Doweled Expansion Joint
 - - - - - Doweled Construction Joint
 - - - - - False Joint
 - /////// Limit of Improvement

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING
TYPICAL JOINT LAYOUTS
FOR STREET INTERSECTIONS

SCALE 1"=50'

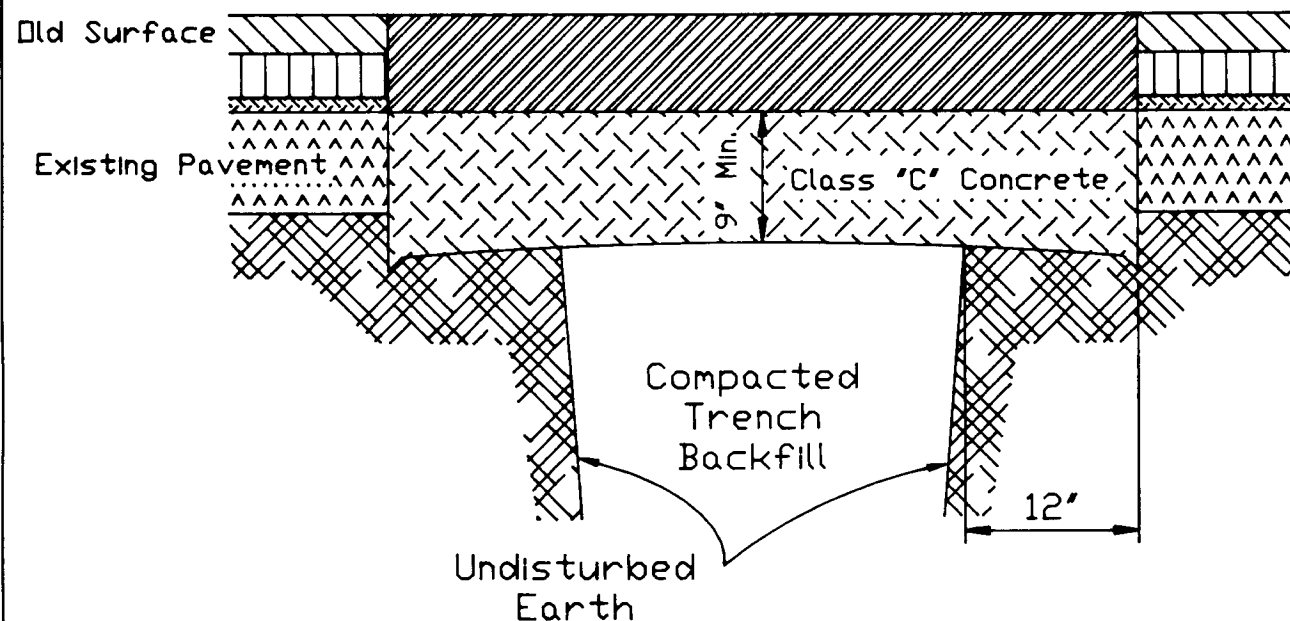
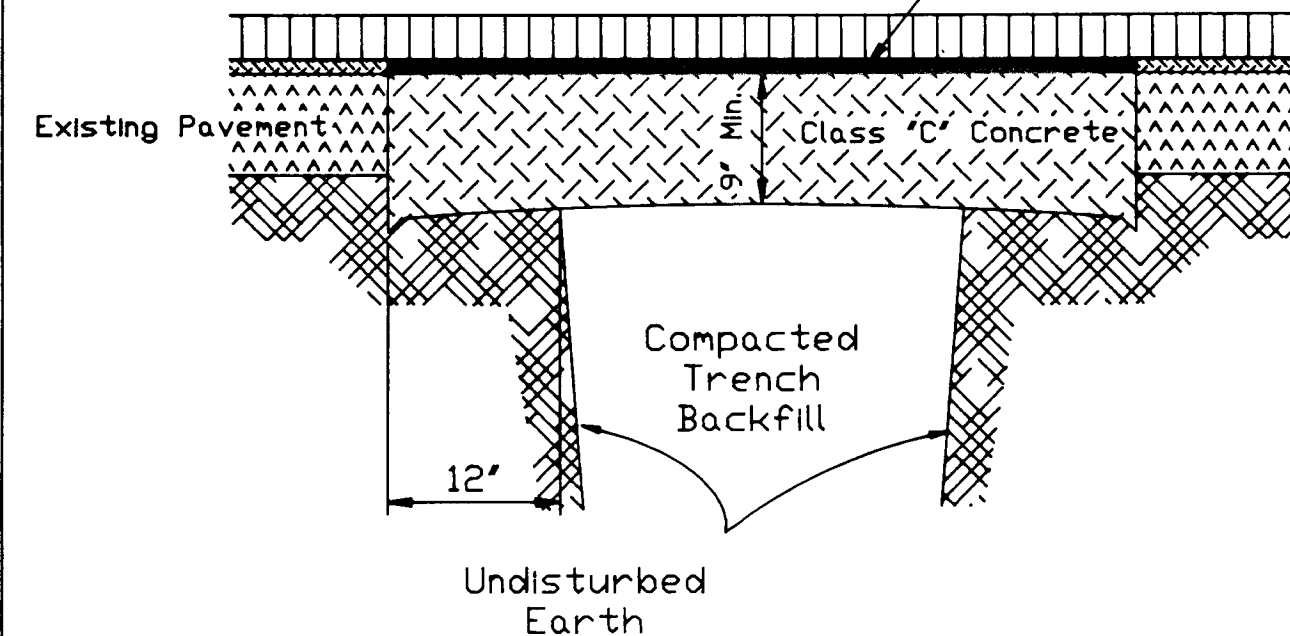
MAY , 1995

P. J. J. J.
CITY ENGINEER

ACC. NO. 21505

STANDARD RESTORATION BLOCK PAVED STREETS

Sand Cushion (1")
Tar Paper or other
approved bond
breaker



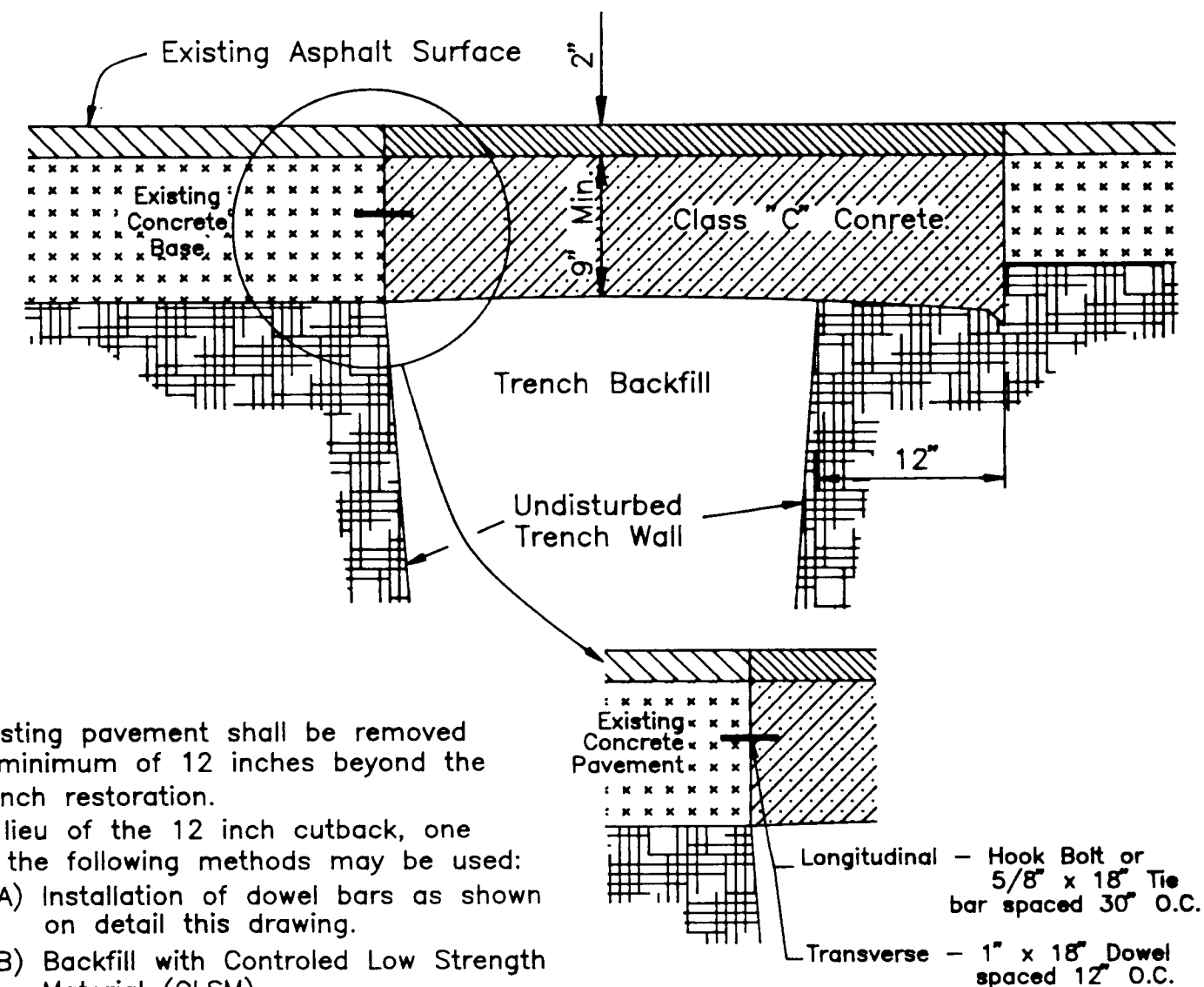
2 inches of 404 asphalt shall be compacted with 3 to 5 ton roller, 8 to 10 ton or equivalent vibratory compactor for longitudinal cuts.

Concrete shall be consolidated with internal type vibrator.

Bond breaker shall be sand cushion (1"), tar paper or approved medium.

Edges of restoration shall be sealed with asphalt cement meeting the requirements of Item 702.1 of the Ohio Department of Transportation Construction and Materials Specifications.

STANDARD RESTORATION ASPHALT SURFACE ON CONCRETE BASE



Existing pavement shall be removed a minimum of 12 inches beyond the trench restoration.

In lieu of the 12 inch cutback, one of the following methods may be used:

- Installation of dowel bars as shown on detail this drawing.
- Backfill with Controlled Low Strength Material (CLSM)

Concrete shall be consolidated with internal type vibrator.

2 inches of Item 404 asphalt shall be compacted with 3 to 5 ton roller, 8 to 10 ton or equivalent vibratory compactor for longitudinal cuts.

Class "FS" concrete may be used when the pavement is required to be open to traffic the same day.

Item 702.01 - Edges of restoration shall be sealed with asphalt cement.

The seal shall be a uniform 3 inch wide asphalt cement seal.

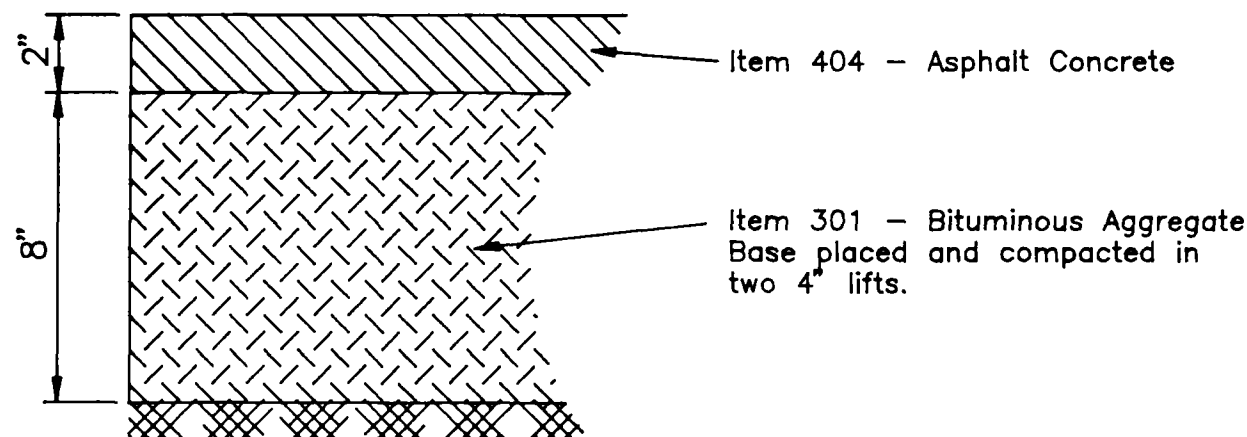
CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAY ENGINEERING
STANDARD RESTORATION
OF OPENINGS

SCALE: NONE MAY, 1995

P. J. J. J.
CITY ENGINEER

ACC. NO. 21506

STANDARD RESTORATION BITUMINOUS AGGREGATE BASE



STANDARD RESTORATION ASPHALT PAVEMENT ON STONE BASE

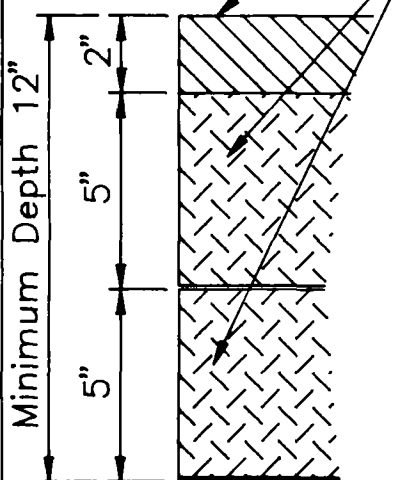
1. Item 404 - Asphalt Concrete compacted with 3 to 5 ton roller, 8 to 10 ton for longitudinal cut or equivalent vibratory compactor.
2. Item 304 - Aggregate Base.
3. Before placing the aggregate, a layer of dry screenings shall be placed on the compacted subgrade to a minimum depth of one (1) inch as an inverted choke. This shall not be rolled or compacted in any manner. The course aggregate shall then be placed in two courses, each course to be five (5) inches in depth and to be individually rolled, choked and re-rolled to thoroughly key the aggregate.

The choke material shall consist of No. 87 screenings, crushed stone or slag.

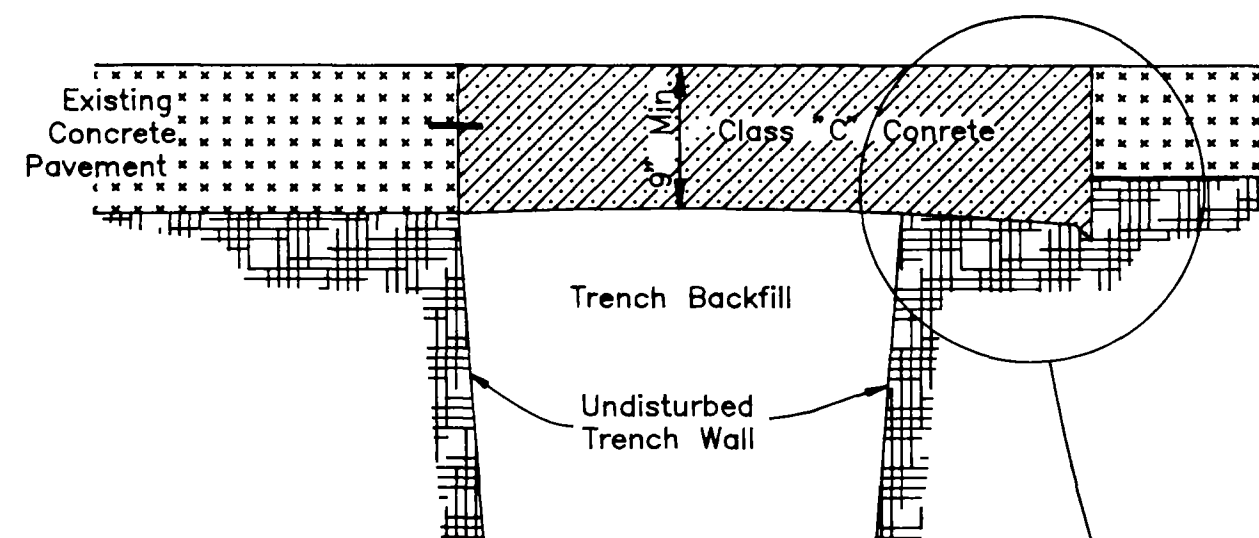
4. Edges of restoration to be sealed with Item 702.01.

Inverted Choke

Subgrade to be backfilled in accordance with Department of Public Works Regulations governing street openings.



STANDARD RESTORATION CONCRETE PAVEMENT



Existing pavement shall be removed a minimum of 12 inches beyond the trench restoration. In lieu of the 12 inch cutback, one of the following methods may be used:

- A) Installation of dowel bars as shown on detail of drawing No.900-N.
- B) Backfill with Controlled Low Strength Material (CLSM)

Square edge 2 inch cut by use of concrete saw or other approved method.

Break out concrete below sawcut by use of jackhammer or approved pneumatic tool.

Vertical face of existing pavement shall be cleaned by compressed air.

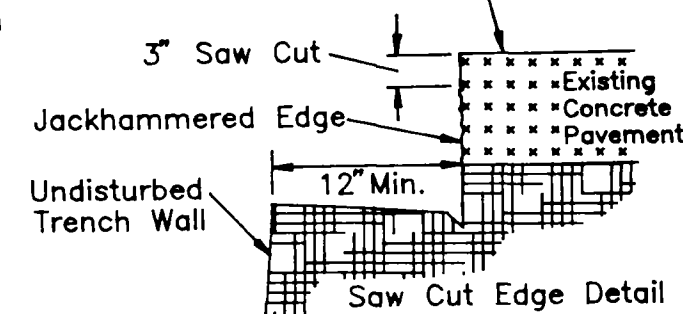
All surfaces shall be wetted prior to placing concrete.

Concrete shall be consolidated with internal type vibrator.

Concrete surface shall be cured as soon after the finishing operation as possible. See item 451.10 O.D.O.T.

Item 702.01 - Edges of restoration shall be sealed with asphalt cement.

The seal shall be a uniform 3 inch wide asphalt cement seal.



CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAY ENGINEERING

STANDARD RESTORATION OF OPENINGS

SCALE: NONE MAY, 1995

Thurgans
CITY ENGINEER

ACC. NO. 21507